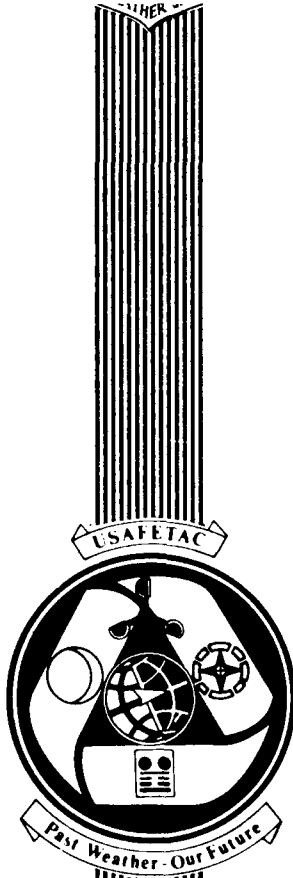


2

AD-A243 309



# **SURFACE OBSERVATION CLIMATIC SUMMARIES**

FOR

## **FAIRBANKS IAP, ALASKA**

Prepared by

OL-A, USAFETAC  
ASHEVILLE, NORTH CAROLINA  
28801-2723

### **JULY 1991**

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**USAF  
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**Scott Air Force Base, Illinois, 62225-5438**

**91-16977**



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REPORT DOCUMENTATION PAGE

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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, FAIRBANKS, ALASKA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
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#### PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) REPLACED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE OBSERVATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISTENCE WILL CONTINUE TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

THIS PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT WAS INTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

THE SOCS (LIKE ITS PREDECESSORS) IS PREPARED BY USAFETAC'S OPERATING LOCATION A AT ASHEVILLE, NC 28801-2723. HERE, CLIMATOLOGISTS USE STATE-OF-THE-ART COMPUTER TECHNOLOGY TO SUMMARIZE WEATHER OBSERVATIONS COLLECTED FROM SELECTED MILITARY, CIVILIAN, AND FOREIGN REPORTING STATIONS. SUMMARIES ARE PREPARED FROM DATA THAT HAS BEEN COLLECTED, QUALITY-CONTROLLED, AND STORED IN OL-A'S WORLDWIDE SURFACE WEATHER OBSERVATION DATABASE.

ALTHOUGH PREVIOUS VERSIONS OF THIS PRODUCT ONLY OFFERED SIX PARTS, SOCS PROVIDES EIGHT (A-H). THE ADDITIONS ARE THE CROSSWIND AND HEATING-COOLING DEGREE DAY SUMMARIES. PRECEDING EACH PART IS A BRIEF DISCUSSION OF THAT PARTICULAR PART, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.



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\*\*\* NOTE: THE AWS CLIMATIC BRIEF IS ATTACHED AT THE END OF THE SOCS \*\*\*

## INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JAN 81 - DEC 90 (AIRWAYS).

SUMMARY OF DAY DATA: JUL 48 - DEC 90 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURLY OBSERVATIONS" AND/OR SUMMARY OF DAY DATA," DEPENDING ON THE PHENOMENA OR OCCURRENCE BEING SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS EXPLAINED."

### TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIATE DISTRIBUTION GIVES THE JOINT DISTRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE IS THE BIVARIATE DISTRIBUTION OF CEILING AND VISIBILITIES IN PART D. EACH ROW AND EACH COLUMN OF A BIVARIATE DISTRIBUTION IS A FREQUENCY DISTRIBUTION. JOINT FREQUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTIONS.

HOURLY OBSERVATIONS: ALL RECORD OR RECORD-SPECIAL OBSERVATIONS ON AWS FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY INTERVALS.

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUMBER OF VALUES.

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL AMOUNT GREATER THAN A TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASCENDING ORDER. IF THE NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS, FREQUENCY IS THE NUMBER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE THE FREQUENCY (NUMBER OF OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBLE OCCURRENCES IN THE SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRECIPITATION AND WATER EQUIVALENT.

STANDARD DEVIATION: A MEASURE OF DISPERSION ON THE VARIABILITY OF THE QUANTITY CONCERNED ABOUT ITS ARITHMETIC MEAN. THE LARGER THE STANDARD DEVIATION, THE GREATER THE VARIABILITY.

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME (LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGHT SAVING TIMES IN THEIR AREAS. IN SUMMARIES THAT SHOW DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

0000-0200	1200-1400
0300-0500	1500-1700
0600-0800	1800-2000
0900-1100	2100-2300

NOTE 1. DURING PART TIME PERIODS, THE FIRST AND LAST 3-HOUR PERIODS MAY HAVE SIGNIFICANT SHORTFALLS IN OBSERVATION COUNTS.

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WBAN	AWS FORM 10/10A
		UTC	*COORDINATED UNIVERSAL TIME

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

\* UTC REPLACED GMT ON 1 AUGUST 1986

NOTE: OL-A/USAFETAC DERIVES STATION LATITUDE/LONGITUDE COORDINATES AND AIRFIELD ELEVATION DATA FROM THE AWS MASTER STATION CATALOG. THIS INFORMATION IS PRESENTED ON THE AWS CLIMATIC BRIEF FOR EACH STATION. THE STATION DATA MAY DIFFER FROM INFORMATION CONTAINED IN THE SOCS STATION HISTORY (DATA SUPPLIED BY AWS UNITS). THE STATION DATA MAY ALSO VARY FROM DATA PRESENTED IN DOD FLIGHT INFORMATION PUBLICATIONS (FLIP).

STATION NO. ON SUMMARY 702610	STATION NAME FAIRBANKS IAP, ALASKA	LATITUDE N 64 49	LONGITUDE W 147 52	FLD ELEV (FT) 434	CALL SIGN FAI	WMO NMBR 70261
-------------------------------------	---------------------------------------	---------------------	-----------------------	----------------------	------------------	-------------------

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Fairbanks IAP, AK	WB	Jul 48	Aug 51	N64 50	W147 43	434	443	24
2	Same	WB	Sep 51	Mar 55	N64 49	W147 52	Same	Same	24
3	Same	WB	Apr 55	Jan 70	Same	Same	Same	440	24
4	Same	WSO	Feb 70	Apr 79	Same	Same	Same	454	24
5	Same	WSO	May 79	May 91	Same	Same	Same	453	24

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	Jul 48	Atop tower	Anemometer	N/A	63 ft	
2	Sep 51	On roof of office	F420B	N/A	32 ft	
3	Apr 55	On CAA tower	Same	N/A	62 ft	
4	Oct 57	Halfway down runway	F420C	N/A	33 ft	
5	Nov 84	Same	F420	F312	32 ft	
6	May 91	Same	Same	Same	32 ft	



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

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PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GROUND BUT NOT FREEZING.

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (GLAZE).

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE PELLETS. IN JANUARY 1968, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING PRECIPITATION. BECAUSE MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN THE SAME OBSERVATION, THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

FOG: INCLUDES ALL REPORTED FOG, ICE FOG, AND GROUND FOG.

SMOKE AND/OR HAZE: SMOKE, HAZE, OR COMBINATIONS OF THE TWO.

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGORY ACCOUNTS FOR BLOWING SPRAY, IF AND AS REPORTED.

ALL OBSTRUCTIONS TO VISION: THIS CATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS TO VISION. SINCE THE OCCURRENCE OF MORE THAN ONE OBSTRUCTION TO VISION MAY BE REPORTED IN THE SAME OBSERVATION, THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY EXCEED THE PERCENTAGES IN THIS CATEGORY.

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF) FOR THE ATMOSPHERIC PHENOMENA SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).



SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL YEARS COMBINED.

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF THUNDERSTORMS REPORTED ON THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FOR FIRST TABLE IN THIS PART.

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AND YEARS COMBINED. WIND DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEATHER STATION.

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS RECORD (ON AWS FORMS 10/10A) AND TRANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOSPHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIONS STARTED THIS PROCEDURE IN JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAMPLE, IF THE RECORDED OBSERVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION. THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER EXTENT, PRECIPITATION) SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY QUESTIONABLE.

NOTE 2: FOREIGN METAR REPORTING STATIONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO VISION WHEN VISIBILITIES EXCEED 1000 METERS.

NOTE 3: A VALUE OF ".0" IN ANY SUMMARY REPRESENTS ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

NOTE 4: DURING PART TIME PERIODS, THESE TABLES MAY NOT ACCURATELY REFLECT NIGHTTIME AND/OR WEEKEND OCCURRENCES OF CERTAIN PHENOMENA.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02				18.3		18.3	14.5				32.8	930
03-05				20.8		20.8	14.5				35.3	930
06-08		.1		22.8		22.9	14.1				37.0	930
09-11				20.1		20.1	15.5				35.6	930
12-14				15.7		15.7	16.0				31.7	930
15-17			.2	17.5		17.7	16.6				34.3	928
18-20				20.7		20.7	14.6				35.3	929
21-23				19.0		19.0	14.9				34.0	930
ALL HOURS		.0	.0	19.3		19.4	15.1				34.5	7437

MONTH: FEB

00-02		.5	.6	20.4		21.5	12.6				34.2	846
03-05			.1	23.9		24.0	13.6				37.6	846
06-08			.1	26.7		26.8	15.5				42.3	846
09-11			.8	20.0		20.8	17.7				38.5	846
12-14		.1	.4	16.4		16.9	12.8		.4		30.0	846
15-17			.2	14.3		14.5	4.7	.1	.2		19.6	846
18-20			.5	16.0		16.4	6.0				22.5	846
21-23		.1	.5	20.4		21.0	9.5				30.5	846
ALL HOURS		.1	.4	19.8		20.3	11.6	.0	.1		31.9	6768

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02				9.1		9.1	1.0				10.1	930
03-05		.1		11.7		11.8	1.0				12.8	930
06-08		.1		11.1		11.2	1.7				12.9	930
09-11				9.1		9.1	2.5				11.6	930
12-14				7.3		7.3	.9				8.2	929
15-17		.6		7.6		8.3	.8	.3			9.4	930
18-20				5.1		5.1	1.3	.3			6.7	930
21-23				7.3		7.3	.9				8.2	930
ALL HOURS		.1		8.5		8.7	1.2	.1			10.0	7439

MONTH: APR

00-02		2.0		7.2		9.2	1.9				11.1	900
03-05		1.1	.1	8.2		9.4	1.2				10.7	900
06-08		1.7		7.6		9.2	1.8				11.0	900
09-11		1.4		7.8		9.2	1.7				10.9	900
12-14		1.4		5.3		6.8	1.3				8.1	900
15-17		1.6		4.0		5.6	.8				6.3	899
18-20		1.3		4.1		5.4	1.8		.1		7.3	900
21-23		1.7		5.1		6.8	2.4			.1	9.3	900
ALL HOURS		1.5	.0	6.2		7.7	1.6		.0	.0	9.3	7199

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		3.9		1.8		5.7	.4				6.1	930
03-05		5.2		2.0		7.2	1.6				8.8	930
06-08		5.9		2.2		8.1	1.4	.1			9.6	930
09-11		6.0		1.5		7.5	.3	.8			8.6	930
12-14	.1	5.1		.8		5.8		.9			6.7	930
15-17	.2	7.7		.8		8.5	.2	.5			9.2	930
18-20	.2	5.7		.5		6.2	.3	.5			7.1	930
21-23	.1	4.8		1.2		6.0	.3	.3			6.7	930
ALL HOURS	.1	5.5		1.3		6.9	.6	.4			7.8	7440

MONTH: JUN

00-02	.3	12.2				12.2	.4	1.0			13.7	900
03-05		11.9				11.9	4.1	.8			16.8	899
06-08		11.9				11.9	5.0	.7			17.6	900
09-11		9.1				9.1	2.0	1.2			12.3	900
12-14	.3	9.1			.1	9.2	.6	1.0			10.8	900
15-17	1.8	8.1				8.1	.2	.8			9.1	900
18-20	1.1	6.8				6.8		.3			7.1	900
21-23	.9	9.1				9.1	.3	.8			10.2	900
ALL HOURS	.6	9.8			.0	9.8	1.6	.8			12.2	7199

A - 2 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	12.4				12.4	2.7	2.8			17.8	930
03-05	.1	10.8				10.8	5.1	2.2		.1	18.1	930
06-08		13.1				13.1	6.3	2.5			21.9	930
09-11		12.1				12.1	1.9	3.3			17.3	929
12-14	.3	12.8				12.8	1.5	3.4			17.7	930
15-17	.8	12.8				12.8	.9	2.9			16.6	930
18-20	1.4	11.6				11.6	.9	1.7			14.2	930
21-23	.5	14.3				14.3	1.2	2.3			17.7	930
ALL HOURS	.4	12.5				12.5	2.6	2.6		.0	17.7	7439

MONTH: AUG

00-02		18.0				18.0	2.3	.2			20.4	930
03-05	.1	16.7				16.7	5.8	.1			22.6	930
06-08		18.5				18.5	11.5	.4			30.4	930
09-11		17.8				17.8	7.3	.6			25.8	930
12-14		13.0				13.0	2.2	.5			15.7	930
15-17	.3	13.0				13.0	1.5	.3			14.8	930
18-20	.5	13.1				13.1	1.5	.3			14.9	930
21-23	.4	15.2				15.2	2.4	.3			17.8	930
ALL HOURS	.2	15.7				15.7	4.3	.4			20.3	7440

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		13.7		2.3		16.0	2.0				18.0	900
03-05		15.3		2.8		18.1	3.3				21.4	900
06-08		14.0		2.3		16.3	7.8				24.1	900
09-11		11.3		2.8		14.1	5.0				19.1	900
12-14		11.2		1.9		13.1	1.9				15.0	900
15-17		11.9		2.0		13.9	1.9				15.8	900
18-20	.2	9.2		1.3		10.6	1.6				12.1	900
21-23		13.3		1.3		14.7	1.4				16.1	900
ALL HOURS	.0	12.5		2.1		14.6	3.1				17.7	7200

MONTH: OCT

00-02		3.2	.1	22.9		26.2	5.7				31.9	930
03-05	.1	4.2	.3	26.0		30.5	7.1				37.6	930
06-08		4.3	.3	28.7		33.4	8.0				41.3	929
09-11		4.9		27.1		32.0	11.3				43.3	930
12-14		3.7		21.0		24.6	8.4				33.0	930
15-17		2.6		19.4		21.9	5.5				27.4	930
18-20		2.7		22.0		24.7	5.5				30.2	930
21-23	.1	3.4		25.1		28.5	6.7				35.2	930
ALL HOURS	.0	3.6	.1	24.0		27.7	7.3				35.0	7439

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02				30.8		30.8	7.7				38.4	900
03-05				32.0		32.0	6.2				38.2	900
06-08		.1	.1	34.8		35.0	6.8				41.8	900
09-11		.3		31.8		32.1	10.3				42.4	900
12-14		.2		30.1		30.3	9.7				40.0	900
15-17		.2		30.2		30.4	9.6				40.0	900
18-20			.2	33.0		33.3	8.7				41.9	899
21-23				32.4		32.4	9.3				41.7	899
ALL HOURS		.1	.0	31.9		32.0	8.5				40.6	7198

MONTH: DEC

00-02		.1		24.8		24.9	8.0				32.9	930
03-05		.1	.1	25.8		26.0	7.0				33.0	930
06-08				25.4		25.4	6.9				32.3	930
09-11		.1		24.5		24.6	8.8			.1	33.5	930
12-14			.1	22.4		22.5	11.4				33.9	930
15-17				22.5		22.5	11.0				33.5	926
18-20				25.6		25.6	12.9				38.5	927
21-23		.3		26.6		27.0	11.2				38.2	927
ALL HOURS		.1	.0	24.7		24.8	9.7			.0	34.5	7430

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		.0	.0	19.3		19.4	15.1				34.5	7437
FEB		.1	.4	19.8		20.3	11.6	.0	.1		31.9	6768
MAR		.1		8.5		8.7	1.2	.1			10.0	7439
APR		1.5	.0	6.2		7.7	1.6		.0	.0	9.3	7199
MAY	.1	5.5		1.3		6.9	.6	.4			7.8	7440
JUN	.6	9.8			.0	9.8	1.6	.8			12.2	7199
JUL	.4	12.5				12.5	2.6	2.6		.0	17.7	7439
AUG	.2	15.7				15.7	4.3	.4			20.3	7440
SEP	.0	12.5		2.1		14.6	3.1				17.7	7200
OCT	.0	3.6	.1	24.0		27.7	7.3				35.0	7439
NOV		.1	.0	31.9		32.0	8.5				40.6	7198
DEC		.1	.0	24.7		24.8	9.7			.0	34.5	7430
ANNUAL	.1	5.2	.0	11.4	.0	16.6	5.6	.4	.0	.0	22.6	87628



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.8	3.2	2.9	49.2		49.4	41.8	2.0	.8		69.0	1302
FEB	.6	2.4	1.9	48.6		48.8	30.9	3.0	1.1		62.4	1186
MAR		2.3	.3	37.8		38.4	13.0	.9	.8		42.5	1302
APR	.1	9.1	.2	29.7	.1	34.4	8.0	.1	.2		34.7	1260
MAY	1.3	41.8		6.3	1.7	43.9	5.7	.6			44.7	1302
JUN	8.5	57.6		.1	1.1	57.6	7.5	3.8		.1	60.2	1260
JUL	8.2	60.5			.6	60.5	15.8	5.5		.2	65.0	1333
AUG	2.6	59.1		.2	.2	59.2	23.9	3.0			65.8	1333
SEP	.2	46.5	.1	12.0	.2	52.9	19.2	.8		.1	57.9	1290
OCT	.1	14.3	2.1	55.6		61.6	23.9	.3	.5		63.9	1332
NOV	.4	5.0	3.3	58.0		59.7	31.5	2.1	.7		66.7	1290
DEC	.3	2.9	2.2	57.8		58.1	39.6	3.3	1.2		72.4	1333
ANNUAL	1.9	25.6	1.1	29.5	.3	52.2	21.8	2.1	.4	.0	58.9	15523

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02						.3	.1					
03-05							.1	.1		.1		
06-08												
09-11												
12-14					.1	.3	.3					
15-17					.2	1.8	.8	.3				
18-20					.2	1.1	1.4	.5	.2			
21-23					.1	.9	.5	.4		.1		
ALL HOURS					.1	.6	.4	.2	.0	.0		
TOTAL OBS	7437	6768	7439	7199	7440	7199	7439	7440	7200	7439	7198	7430

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	290 - 029	030 - 109	110 - 159	160 - 229	230 - 289	NO OF OBS
TSTMS								
LIQUID PRECIP					100.0			1
FREEZING PRECIP			66.7	33.3				3
FROZEN PRECIP	36.2		19.8	14.8	2.6	19.3	7.4	1686
FOG	69.8		11.7	8.8	1.4	6.7	1.5	1243
FOG WITH VIS GE 1/2 MILES	65.5		13.0	9.8	1.6	8.2	1.9	830
TOTAL OBS	2778	0	2023	1449	132	706	336	7424

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP			16.7				83.3	6
FREEZING PRECIP	13.8		31.0	20.7	13.8	17.2	3.4	29
FROZEN PRECIP	25.4		23.1	13.4	2.4	21.8	13.8	1525
FOG	44.2		20.8	18.2	2.2	8.5	6.2	837
FOG WITH VIS GE 1/2 MILES	44.5		20.6	17.0	2.3	9.2	6.4	752
TOTAL OBS	2013	0	1857	1408	142	852	484	6756

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	290 - 029	030 - 109	110 - 159	160 - 229	230 - 289	NO OF OBS
TSTMS								
LIQUID PRECIP				25.0		37.5	37.5	8
FREEZING PRECIP								
FROZEN PRECIP	15.6		29.4	8.4	1.6	26.1	18.9	739
FOG	36.9		24.3	6.8	1.0	15.5	15.5	103
FOG WITH VIS GE 1/2 MILES	37.5		26.1		1.1	18.2	17.0	88
TOTAL OBS	1390	0	2451	1755	201	1194	428	7419

MONTH: APR HOURS: ALL

TSTMS								
LIQUID PRECIP	6.3		29.7	9.4	3.1	23.4	28.1	128
FREEZING PRECIP				100.0				1
FROZEN PRECIP	8.0		19.5	10.1	3.8	32.1	26.6	527
FOG	19.8		21.5	9.1	5.8	33.9	9.9	121
FOG WITH VIS GE 1/2 MILES	21.3		23.1	9.3	2.8	34.3	9.3	108
TOTAL OBS	822	0	2205	1587	385	1413	775	7187

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	290 - 029	030 - 109	110 - 159	160 - 229	230 - 289	NO OF OBS
TSTMS			63.6	27.3			9.1	11
LIQUID PRECIP	5.2		23.1	15.4	4.0	21.1	31.3	598
FREEZING PRECIP								
FROZEN PRECIP	5.4		32.3	6.2	3.8	35.4	16.9	130
FOG	13.3		25.0	15.0	3.3	30.0	13.3	60
FOG WITH VIS GE 1/2 MILES	18.2		15.9	6.8	4.5	40.9	13.6	44
TOTAL OBS	404	0	2483	1898	470	1097	1078	7430

MONTH: JUN HOURS: ALL

TSTMS			16.4	25.5	10.9	32.7	14.5	55
LIQUID PRECIP	1.9		19.6	11.7	7.9	28.5	30.3	932
FREEZING PRECIP								
FROZEN PRECIP								
FOG	4.7		18.1	19.7	9.4	29.9	18.1	127
FOG WITH VIS GE 1/2 MILES	4.8		12.4	17.1	10.5	35.2	20.0	105
TOTAL OBS	335	0	1746	1537	609	1492	1474	7193

OPERATING LOCATION "A"  
USAFETA ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	290 - 029	030 - 109	110 - 159	160 - 229	230 - 289	NO OF OBS
TSTMS	5.1		23.1	28.2	20.5	12.8	10.3	39
LIQUID PRECIP	3.1		14.5	7.9	7.2	31.8	35.4	1150
FREEZING PRECIP								
FROZEN PRECIP								
FOG	6.3		4.9	14.1	10.2	37.9	26.7	206
FOG WITH VIS GE 1/2 MILES	7.1		3.8	12.1	10.4	38.5	28.0	182
TOTAL OBS	452	0	1747	1300	535	1673	1721	7428

MONTH: AUG HOURS: ALL

TSTMS			46.7		20.0	33.3	15	
LIQUID PRECIP	3.5		19.6	8.3	6.5	36.4	25.8	1441
FREEZING PRECIP								
FROZEN PRECIP								
FOG	3.8		22.9	17.4	10.7	30.7	14.5	345
FOG WITH VIS GE 1/2 MILES	3.4		18.2	17.2	10.5	33.8	16.9	296
TOTAL OBS	539	0	1973	1585	507	1488	1334	7426

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	290 - 029	030 - 109	110 - 159	160 - 229	230 - 289	NO OF OBS
TSTMS							100.0	2
LIQUID PRECIP	6.5		22.2	15.0	5.8	25.5	24.9	1070
FREEZING PRECIP								
FROZEN PRECIP	4.6		29.5	15.0	6.4	21.4	23.1	173
FOG	9.5		24.5	20.3	7.5	24.1	14.1	241
FOG WITH VIS GE 1/2 MILES	9.3		23.6	20.4	7.9	25.0	13.9	216
TOTAL OBS	684	0	2285	1856	358	978	1029	7190

MONTH: OCT HOURS: ALL

TSTMS	50.0						50.0	2
LIQUID PRECIP	15.4		29.2	12.2	5.8	30.1	7.4	312
FREEZING PRECIP	25.0			37.5		37.5		8
FROZEN PRECIP	18.5		27.8	14.5	3.0	25.4	10.8	2059
FOG	24.6		16.0	13.2	4.8	33.3	8.0	561
FOG WITH VIS GE 1/2 MILES	24.3		15.5	12.1	4.8	34.9	8.4	522
TOTAL OBS	1113	0	2850	1660	193	1108	502	7426

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	290 - 029	030 - 109	110 - 159	160 - 229	230 - 289	NO OF OBS
TSIMS								
LIQUID PRECIP			62.5	12.5			25.0	8
FREEZING PRECIP	33.3			66.7				3
FROZEN PRECIP	35.6		26.4	14.7	2.7	16.1	4.6	2706
FOG	42.3		18.4	16.0	2.2	16.4	4.7	636
FOG WITH VIS GE 1/2 MILES	40.5		19.0	16.3	2.2	17.2	4.8	600
TOTAL OBS	2471	0	2311	1349	136	681	239	7187

MONTH: DEC HOURS: ALL

TSIMS								
LIQUID PRECIP				16.7		50.0	33.3	6
FREEZING PRECIP						50.0	50.0	2
FROZEN PRECIP	36.0		22.2	16.1	2.4	16.4	7.0	2152
FOG	51.2		20.4	15.9	2.3	8.0	2.2	775
FOG WITH VIS GE 1/2 MILES	53.2		19.1	15.0	2.3	8.3	2.1	665
TOTAL OBS	2838	0	2120	1350	140	657	312	7417



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA  
VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	290 - 029	030 - 109	110 - 159	160 - 229	230 - 289	NO OF OBS
TSTMS	2.4		20.2	28.2	11.3	21.0	16.9	124
LIQUID PRECIP	4.6		20.2	11.1	6.3	29.8	28.0	5660
FREEZING PRECIP	15.2		23.9	28.3	8.7	19.6	4.3	46
FROZEN PRECIP	28.1		24.5	14.1	2.7	20.7	10.0	11697
FOG	41.2		17.5	14.3	3.7	16.4	6.9	5255
FOG WITH VIS GE 1/2 MILES	38.9		17.4	14.0	3.8	18.4	7.6	4408
TOTAL OBS	15839	0	26051	18734	3808	13339	9712	87483



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBB

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## PART B

### PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

#### PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

#### MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

#### DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (\*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

#### SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN YEAR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONTHLY TOTALS OR DAILY EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEAR IN THE APPROPRIATE COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN FIVE (5) OR MORE SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HISTORY MIGHT PROVIDE CLUES AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBSERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY MEANS THE STATION IS (OR HAS BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, THE LAST ENTRY ON THE PAGE GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECORD.

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

AIR FORCE	NAVY AND NATIONAL WEATHER SERVICE
THROUGH 1945: 0800 LST	THROUGH JUN 1952: 0030 GMT
JAN 1946 TO MAY 1957: 1230 LST	JUN 1952 TO MAY 1957: 1230 GMT
JUN 1957 TO PRESENT: 1200 GMT	JUN 1957 TO PRESENT: 1200 GMT

NOTE 7. 24-HOUR PRECIPITATION (INCLUDING SNOWFALL AND SNOW DEPTH) VALUES DERIVED FROM PART TIME PERIODS MAY NOT REFLECT TRUE 24-HOUR AMOUNTS. RECORDED AMOUNTS FOLLOWING WEEKENDS AND/OR HOLIDAYS FREQUENTLY REPRESENT AMOUNTS MEASURED FOR PERIODS GREATER THAN 24 HOURS. IN ADDITION, 24-HOUR AMOUNTS MAY NOT REPRESENT THE STANDARD CLIMATOLOGICAL 24-HOUR "MIDNIGHT TO MIDNIGHT" AMOUNT. DATA FROM PART TIME PERIODS MAY NOT ACCURATELY REFLECT NIGHTTIME PRECIPITATION EVENTS.

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS
- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	50.5	50.5	61.7	65.6	56.0	42.4	39.2	40.9	46.9	38.4	40.3	41.9	47.7
TRACE	25.1	26.5	19.3	18.7	21.2	21.3	19.4	18.8	22.1	27.2	25.5	28.7	22.8
.01	5.5	5.5	4.1	3.6	4.5	5.1	5.7	5.3	6.1	6.9	7.7	5.0	5.4
.02-.05	8.8	9.5	8.6	7.3	9.5	12.4	12.6	11.6	10.5	13.4	13.6	11.9	10.8
.06-.10	4.4	3.6	3.8	2.5	3.8	6.3	6.9	7.1	5.0	6.8	6.9	6.8	5.4
.11-.25	4.2	3.3	2.0	2.1	3.1	7.2	8.4	9.8	6.2	5.4	4.7	3.8	5.0
.26-.50	1.4	1.0	.5	.3	1.5	3.7	5.2	4.7	2.1	1.6	1.0	1.3	2.0
.51-1.00	.1	.1	.1		.4	1.3	2.1	1.5	1.0	.3	.3	.7	.7
1.01-2.50						.4	.6	.3	.2				.1
2.51-5.00								.1					.0
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	24.3	23.0	19.0	15.7	22.8	36.3	41.5	40.3	31.0	34.5	34.2	29.5	29.5
TOTAL NO. OF OBSERVATIONS	1302	1186	1302	1260	1302	1260	1333	1333	1290	1332	1290	1333	15523

B - 2 - 1

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
48							4.24	3.51	.57	.42	.54	1.09	10.37*
49	.94	1.12	.38	.23	.52	3.55	3.47	1.19	.12	.36	.36	.77	13.01
50	2.00	.25	.52	.03	.52	.81	2.50	1.17	.31	.51	.99	.39	10.00
51	.57	.91	.22	.04	.44	1.24	1.77	1.94	.72	.46	.68	1.28	10.27
52	.84	.14	.35	.18	.33	1.21	1.79	1.14	1.73	.47	.15	.04	8.37
53	.12	.27	.20	.01	.64	1.85	1.37	2.97	1.32	.11	TRACE	.13	8.99
54	.55	.21	.60	TRACE	.17	1.78	3.22	.84	1.82	.08	.42	.48	10.17
55	.49	.60	.52	.19	1.67	3.52	2.51	1.93	1.45	.94	.21	1.83	15.86
56	.43	.99	.15	.12	.61	1.02	1.41	2.22	1.94	.91	.98	.59	11.37
57	1.92	.56	.15	.08	.07	.21	.40	.40	.47	.74	.30	.25	5.55
58	.31	.07	.24	.09	.57	1.01	1.42	.61	.46	.84	.40	.41	6.43
59	.09	.93	.15	.12	1.02	1.19	2.80	1.81	.92	.68	.55	.56	10.82
60	.97	.38	.20	.40	.26	.73	1.38	1.71	3.05	.92	.41	.23	10.64
61	.25	.17	.11	.37	.24	.66	2.61	2.85	1.91	1.17	.47	.59	11.40
62	.69	1.26	.66	.38	.62	2.22	4.35	4.03	1.40	.28	.17	.56	16.62
63	1.78	.27	2.10	.49	.11	2.00	1.36	3.60	.19	1.51	.18	.38	13.97
64	.21	.46	.18	.68	.97	1.33	1.28	2.37	.85	.53	.86	.35	10.07
65	.07	.32	.27	.47	.14	1.16	1.39	1.48	2.11	.74	1.21	1.92	11.28
66	.01	1.75	.34	.32	.38	.19	.83	.59	.15	.29	2.06	.16	7.07
67	.40	.25	1.90	.84	.43	1.13	3.34	6.20	.25	.32	.93	1.34	17.33
68	1.19	.15	TRACE	.29	.67	1.52	.84	.96	.15	.31	.27	1.38	7.73
69	.55	.10	.60	TRACE	.95	.39	1.33	2.04	.28	.10	.54	TRACE	6.88
70	.10	.32	.25	.45	.42	2.57	1.81	1.98	.65	1.84	3.32	2.29	16.00
71	.33	.63	.20	.11	.16	.31	2.08	2.32	2.45	1.35	.54	1.83	12.31
72	.73	.16	.27	.20	.35	.55	.63	1.09	2.08	.86	.46	1.13	8.51
73	.44	.11	.40	.05	.99	.97	1.92	2.19	.19	.91	.80	.15	9.12
74	.14	.33	.27	.21	.11	1.22	1.17	1.14	.47	1.08	1.03	.55	7.72
75	.60	.04	.22	.47	.49	.99	1.81	2.10	.20	.79	.44	.31	8.46
76	.22	.01	.55	.08	.94	1.08	1.60	.69	1.05	.89	.13	.08	7.32
77	.31	.81	.26	.36	1.63	3.01	1.58	.41	2.51	1.11	.19	.80	12.98
78	.39	.19	.09	.16	.44	1.71	2.38	1.24	.98	.59	1.02	1.40	10.59
79	.58	.02	.47	.83	.88	1.54	2.54	1.22	.19	.94	.63	.49	10.33
80	.52	.22	.13	.10	.31	1.38	1.37	1.68	.76	.39	.70	.32	7.88

B - 2 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.31	.78	.07	.32	.73	1.91	2.41	1.35	.80	.91	.91	.58	11.08
82	.34	.38	.39	.93	.96	1.96	2.33	1.67	.77	1.48	1.49	.23	12.93
83	.24	.18	.09	.27	.14	.57	1.71	3.33	.92	2.19	.08	.65	10.37
84	.89	.64	.03	.47	1.17	.48	2.95	1.15	.22	.70	.42	3.23	12.35
85	.52	.48	.57	.36	.41	1.80	1.13	1.88	2.59	1.00	.90	.08	11.72
86	.13	.19	.32	.07	.54	.87	2.12	2.36	.65	1.79	.48	.34	9.86
87	.68	.10	TRACE	.05	.21	1.02	1.70	.56	.57	.39	.64	.51	6.43
88	.32	.13	.13	.21	1.51	2.26	1.02	1.95	.73	1.07	.68	.46	10.47
89	.52	.98	.13	.05	.99	2.53	.91	.78	.72	1.28	.97	.57	10.43
90	.52	.72	.11	.07	.40	1.73	4.87	3.60	1.74	.31	1.51	2.94	18.52
LEAST	.01	.01	TRACE	TRACE	.07	.19	.40	.40	.12	.08	TRACE	TRACE	5.55
GREATEST	2.00	1.75	2.10	.93	1.67	3.55	4.87	6.20	3.05	2.19	3.32	3.23	18.52
MEAN	.55	.44	.35	.26	.60	1.41	1.99	1.87	1.01	.80	.70	.78	10.69
MEDIAN	.47	.30	.25	.21	.51	1.22	1.77	1.71	.76	.79	.54	.55	10.40
SD	.463	.390	.412	.237	.410	.820	1.005	1.151	.792	.485	.589	.758	3.044
TOTAL OBS	1302	1186	1302	1260	1302	1260	1333	1333	1290	1332	1290	1333	15523

THE GREATEST VALUE OF 6.20 OCCURRED ON 08/67

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
48							1.84	.52	.21	.08	.18	.29	1.84*
49	.27	.46	.13	.09	.18	.78	.40	.40	.06	.14	.20	.22	.78
50	.40	.22	.30	.03	.18	.60	.94	.42	.10	.11	.53	.07	.94
51	.28	.27	.10	.02	.19	.38	.52	.80	.51	.20	.10	.25	.80
52	.30	.06	.21	.10	.16	.21	.59	.27	.60	.17	.05	.04	.60
53	.08	.14	.13	.01	.32	1.08	.35	1.57	.69	.07	TRACE	.06	1.57
54	.14	.12	.34	TRACE	.13	.48	1.24	.20	1.21	.02	.23	.25	1.24
55	.16	.16	.13	.12	.77	1.38	.91	.52	.86	.22	.07	.46	1.38
56	.14	.21	.07	.06	.43	.48	.53	.57	.97	.26	.53	.34	.97
57	.31	.22	.05	.03	.03	.08	.17	.13	.18	.21	.09	.14	.31
58	.12	.07	.10	.05	.30	.28	.62	.24	.13	.30	.16	.23	.62
59	.09	.30	.05	.07	.72	.38	.49	.36	.33	.44	.17	.09	.72
60	.38	.24	.14	.14	.18	.32	.39	.80	1.15	.41	.18	.12	1.15
61	.17	.10	.09	.17	.12	.38	.53	.97	.47	.22	.10	.37	.97
62	.15	.31	.22	.19	.36	1.27	1.29	1.42	.62	.08	.05	.28	1.42
63	.44	.07	.87	.21	.08	.46	.30	1.18	.18	.58	.06	.11	1.18
64	.09	.17	.06	.20	.56	.64	.43	.31	.32	.18	.33	.10	.64
65	.05	.17	.12	.31	.09	.54	.68	.34	.86	.27	.30	.78	.86
66	.01	.86	.09	.20	.08	.08	.19	.22	.12	.09	.47	.08	.86
67	.09	.06	.40	.20	.12	.31	1.27	3.42	.14	.11	.22	.36	3.42
68	.56	.06	TRACE	.20	.47	.43	.44	.28	.07	.09	.08	.80	.80
69	.21	.06	.22	TRACE	.54	.20	.37	.69	.15	.06	.22	TRACE	.69
70	.03	.11	.08	.16	.22	.44	.53	.72	.13	.68	.78	.66	.78
71	.15	.17	.20	.07	.05	.08	.75	.46	.64	.35	.18	.85	.85
72	.25	.10	.10	.05	.32	.18	.13	.19	.48	.31	.14	.37	.48
73	.15	.10	.11	.04	.50	.61	.66	.54	.07	.31	.44	.11	.66
74	.10	.11	.08	.11	.08	.47	.28	.25	.21	.28	.18	.15	.47
75	.42	.04	.07	.15	.26	.29	.75	.53	.04	.26	.19	.07	.75
76	.09	.01	.12	.04	.21	.37	.45	.37	.52	.19	.06	.06	.52
77	.18	.41	.07	.11	.55	.80	.45	.16	.96	.26	.12	.32	.96
78	.18	.14	.07	.09	.33	.33	1.19	.41	.26	.16	.26	.16	1.19
79	.34	.02	.15	.47	.46	.39	.54	.48	.11	.30	.20	.09	.54
80	.27	.17	.04	.04	.26	.69	.53	.28	.25	.10	.15	.17	.69

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.12	.31	.04	.14	.45	1.27	.54	.38	.15	.19	.15	.09	1.27
82	.20	.16	.10	.29	.38	.47	.55	.51	.19	.30	.30	.09	.55
83	.11	.07	.03	.08	.06	.13	.54	.92	.27	.56	.03	.16	.92
84	.17	.38	.02	.27	.44	.11	.92	.42	.11	.28	.12	.86	.92
85	.15	.16	.24	.09	.16	.59	.34	.29	.56	.49	.38	.03	.59
86	.06	.05	.18	.07	.14	.39	1.02	.85	.22	.80	.15	.08	1.02
87	.21	.05	TRACE	.05	.11	.28	.50	.24	.23	.08	.11	.11	.50
88	.11	.08	.04	.20	.36	.68	.40	.44	.21	.23	.11	.10	.68
89	.26	.40	.07	.04	.37	1.05	.27	.30	.21	.31	.17	.21	1.05
90	.13	.25	.05	.05	.20	.63	1.24	1.38	.56	.10	.44	.94	1.38

GREATEST	.56	.86	.87	.47	.77	1.38	1.84	3.42	1.21	.80	.78	.94	3.42
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TOTAL OBS	1302	1186	1302	1260	1302	1260	1333	1333	1290	1332	1290	1333	15523
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THE GREATEST VALUE OF 3.42 OCCURRED ON 08/12/67

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOWFALL IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	50.7	50.8	62.3	70.2	93.5	99.9	100.0	99.8	88.0	44.4	42.0	42.2	70.4
TRACE	19.8	21.3	15.6	15.1	4.1	.1		.2	8.5	22.3	19.1	22.1	12.3
0.1-0.4	12.6	12.8	9.7	7.8	1.8				2.2	14.0	15.5	13.4	7.5
0.5-1.4	9.6	8.9	8.4	4.9	.4				.7	12.0	13.4	14.3	6.1
1.5-2.4	3.4	2.6	2.5	1.1	.1				.5	4.3	6.0	4.1	2.1
2.5-3.4	1.8	1.6	.8	.6	.2					1.5	1.4	2.0	.8
3.5-4.4	.9	.8	.2	.1					.1	.6	1.2	.5	.4
4.5-6.4	.8	.5	.3	.2	.1					.5	.7	.8	.3
6.5-10.4	.3	.5							.1	.3	.5	.4	.2
10.5-15.4		.1	.1								.1	.5	.1
15.5-25.4		.1											.0
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	29.5	27.9	22.1	14.7	2.5				3.6	33.3	38.8	35.8	17.3
TOTAL NO. OF OBSERVATIONS	1302	1186	1302	1260	1299	1253	1330	1331	1289	1332	1290	1333	15507

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
48							.0	.0	2.1	5.9	5.9	21.1	35.0*
49	18.2	16.9	5.4	5.8	1.0	.0	.0	.0	.0	4.1	5.8	11.5	68.7
50	30.9	3.5	6.7	.8	TRACE	.0	.0	.0	TRACE	14.0	17.6	7.7	81.2
51	8.7	9.8	5.3	.3	TRACE	.0	.0	.0	TRACE	6.4	14.7	13.5	58.7
52	9.3	1.8	3.5	2.1	3.1	.0	.0	.0	2.6	8.3	2.4	.4	33.5
53	1.7	4.4	3.1	TRACE	TRACE	.0	.0	.0	TRACE	1.2	.2	5.5	16.1
54	18.6	4.5	8.6	.1	.0	.0	.0	.0	TRACE	2.8	7.5	9.8	51.9
55	10.3	16.4	12.4	2.3	TRACE	.0	.0	TRACE	TRACE	14.4	6.1	27.5	89.4
56	9.5	21.0	3.1	2.4	.0	.0	.0	.0	TRACE	13.8	14.1	7.5	71.4
57	26.3	9.3	2.2	.9	.3	.0	.0	.0	4.9	8.5	8.0	4.5	64.9
58	6.2	1.6	4.0	.6	.6	.0	.0	.0	.1	11.9	11.4	8.1	44.5
59	5.6	19.7	3.2	1.0	.0	.0	.0	.0	TRACE	4.2	12.1	12.1	57.9
60	23.6	6.5	4.4	6.9	TRACE	.0	.0	.0	TRACE	3.9	10.1	3.8	59.2
61	7.4	7.1	1.7	7.0	.0	.0	.0	.0	TRACE	24.2	9.4	6.3	63.1
62	8.9	26.4	12.6	7.6	2.4	.0	.0	.0	.5	2.8	3.1	6.0	70.3
63	17.5	5.0	29.6	5.8	TRACE	.0	.0	.0	.0	11.6	4.6	8.8	82.9
64	4.8	9.9	3.5	8.8	4.7	.0	.0	.0	.0	4.7	18.0	14.0	68.4
65	3.0	7.6	1.4	5.8	.7	.0	.0	.0	TRACE	15.7	18.8	33.5	86.5
66	.7	43.1	8.9	1.5	1.7	.0	.0	.0	.0	5.5	36.6	2.9	100.9
67	13.0	5.2	28.4	11.1	TRACE	.0	.0	.0	TRACE	5.8	14.4	16.8	94.7
68	22.6	4.8	.1	5.0	2.7	.0	.0	.0	.9	6.7	8.0	20.2	71.0
69	10.8	1.4	11.3	.4	TRACE	.0	.0	TRACE	.0	3.7	11.4	TRACE	39.0
70	3.6	6.4	4.2	7.1	TRACE	.0	.0	.0	4.1	21.9	54.0	32.5	133.8
71	8.5	16.3	6.4	.9	1.1	.0	.0	.0	3.5	20.4	9.8	29.6	96.5
72	12.6	4.5	5.7	4.3	.0	.0	.0	.0	7.8	6.9	12.2	26.9	80.9
73	14.2	1.8	8.7	1.0	TRACE	.0	.0	.0	1.2	8.2	17.5	2.5	55.1
74	3.0	8.7	7.0	1.3	.0	TRACE	.0	.0	.3	24.4	22.5	17.9	85.1
75	14.1	1.6	5.0	4.4	TRACE	.0	.0	.0	TRACE	14.4	11.4	6.7	57.5
76	6.4	.5	10.4	1.2	TRACE	.0	.0	.0	TRACE	14.7	4.3	2.6	40.1
77	6.7	19.0	5.5	6.8	TRACE	.0	.0	.0	1.0	17.3	5.1	14.4	75.8
78	4.9	3.0	1.6	.7	.1	.0	.0	.0	.3	7.6	15.1	21.7	55.0
79	9.7	.5	7.7	3.1	.0	.0	.0	.0	TRACE	6.5	4.4	11.0	42.9
80	10.8	4.4	3.2	.8	.0	.0	.0	.0	3.4	5.1	10.6	4.8	43.1

B - 3 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	6.2	10.2	.9	1.9	.0	.0	.0	.0	.3	7.8	16.2	10.6	54.1
82	7.6	7.0	7.2	11.4	.3	.0	.0	.0	.6	25.9	27.8	3.8	91.6
83	4.8	3.6	2.1	1.9	.4	.0	.0	.0	.4	17.3	2.4	14.4	47.3
84	13.8	11.1	.8	6.7	TRACE	.0	.0	.0	.0	11.3	8.5	50.7	102.9
85	6.3	8.0	7.4	5.9	1.0	.0	.0	.0	2.1	5.4	14.7	1.8	52.6
86	2.3	2.6	3.7	1.0	.0	.0	.0	.0	TRACE	11.8	7.4	6.0	34.8
87	12.0	1.5	TRACE	1.0	TRACE	.0	.0	.0	TRACE	3.5	14.1	10.4	42.5
88	6.3	2.5	2.6	.2	.3	.0	.0	.0	.2	12.9	15.2	10.5	50.7
89	10.8	13.4	3.9	.4	.8	.0	.0	.0	.5	19.7	18.1	11.1	78.7
90	10.4	16.0	2.6	TRACE	.0	.0	.0	.0	1.6	6.9	37.3	46.5	121.3
LEAST	.7	.5	TRACE	TRACE	.0	.0	.0	.0	.0	1.2	.2	TRACE	16.1
GREATEST	30.9	43.1	29.6	11.4	4.7	TRACE	.0	TRACE	7.8	25.9	54.0	50.7	133.8
MEAN	10.3	8.8	6.1	3.3	.5	TRACE	.0	TRACE	.9	10.5	13.2	13.4	67.1
MEDIAN	9.1	6.5	4.3	1.9	TRACE	.0	.0	.0	TRACE	8.2	11.4	10.5	64.0
SD	6.740	8.371	6.095	3.186	1.013	.000	.000	.000	1.647	6.578	10.222	11.662	24.491
TOTAL OBS	1302	1186	1302	1260	1299	1253	1330	1331	1289	1332	1290	1333	15507

THE GREATEST VALUE OF 54.0 OCCURRED ON 11/70

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

B - 3 - 2B

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
48							.0	.0	1.4	1.3	2.1	6.5	6.5*
49	3.0	7.9	1.6	2.9	.7	.0	.0	.0	.0	1.7	3.1	3.3	7.9
50	6.8	3.2	3.1	.8	TRACE	.0	.0	.0	TRACE	3.3	9.4	1.8	9.4
51	3.9	3.8	3.2	.3	TRACE	.0	.0	.0	TRACE	2.9	3.6	2.7	3.9
52	3.4	.6	2.1	1.0	2.8	.0	.0	.0	2.4	1.9	.9	.4	3.4
53	1.0	1.6	2.0	TRACE	TRACE	.0	.0	.0	TRACE	.6	1	2.0	2.0
54	6.7	2.5	3.6	.1	.0	.0	.0	.0	TRACE	1.3	4.3	3.9	6.7
55	3.3	4.1	3.6	1.1	TRACE	.0	.0	TRACE	TRACE	3.9	2.0	5.6	5.6
56	3.5	4.2	1.6	1.1	.0	.0	.0	.0	TRACE	3.6	6.3	3.4	6.3
57	5.0	2.9	.7	.3	.3	.0	.0	.0	2.4	2.0	2.2	2.0	5.0
58	1.7	1.4	1.6	.4	.6	.0	.0	.0	.1	4.1	2.6	3.3	4.1
59	5.6	4.6	1.0	.7	.0	.0	.0	.0	TRACE	2.3	3.5	1.6	5.6
60	6.0	4.1	3.1	2.5	TRACE	.0	.0	.0	TRACE	1.8	4.2	1.8	6.0
61	6.0	4.6	.9	2.2	.0	.0	.0	.0	TRACE	4.6	1.7	3.0	6.0
62	1.6	6.9	4.3	4.6	2.0	.0	.0	.0	.3	.8	1.4	1.8	6.9
63	5.6	1.2	12.6	2.8	TRACE	.0	.0	.0	.0	6.6	2.0	2.4	12.6
64	1.8	3.9	1.0	1.3	4.5	.0	.0	.0	.0	2.2	5.7	2.6	5.7
65	1.6	2.7	.7	4.7	.3	.0	.0	.0	TRACE	4.6	4.0	12.9	12.9
66	.6	16.0	2.2	1.2	1.0	.0	.0	.0	.0	2.0	7.6	1.5	16.0
67	2.7	1.0	5.8	3.5	TRACE	.0	.0	.0	TRACE	1.6	3.2	3.4	5.8
68	9.4	2.5	.1	2.6	2.7	.0	.0	.0	.4	1.2	2.0	10.7	10.7
69	3.3	.7	3.2	.2	TRACE	.0	.0	TRACE	.0	1.8	2.5	TRACE	3.3
70	1.1	2.5	1.0	2.2	TRACE	.0	.0	.0	1.5	7.5	14.6	7.6	14.6
71	3.4	3.1	4.7	.6	.4	.0	.0	.0	3.5	2.2	2.9	11.4	11.4
72	3.4	2.2	1.4	1.2	.0	.0	.0	.0	7.0	1.6	4.5	5.7	7.0
73	5.8	1.6	2.1	.7	TRACE	.0	.0	.0	1.0	2.4	7.5	1.6	7.5
74	1.9	2.2	2.6	1.3	.0	TRACE	.0	.0	.2	9.7	3.8	4.1	9.7
75	8.2	1.3	1.3	2.3	TRACE	.0	.0	.0	TRACE	7.6	4.5	1.5	8.2
76	1.7	.3	1.7	.6	TRACE	.0	.0	.0	TRACE	3.2	1.3	1.4	3.2
77	3.1	9.5	1.5	2.1	TRACE	.0	.0	.0	1.0	3.5	2.3	5.8	9.5
78	2.0	1.9	1.4	.3	.1	.0	.0	.0	.2	2.0	3.0	2.5	3.0
79	5.5	.5	1.7	2.2	.0	.0	.0	.0	TRACE	1.5	2.2	1.8	5.5
80	4.0	3.1	1.2	.4	.0	.0	.0	.0	1.6	1.4	1.9	2.1	4.0

B - 3 - 3A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	2.8	4.7	.5	1.7	.0	.0	.0	.0	.3	3.1	3.2	1.9	4.7
82	4.0	1.9	1.8	5.5	.2	.0	.0	.0	.6	5.8	5.0	1.4	5.8
83	1.8	1.4	.6	1.3	.2	.0	.0	.0	.4	3.3	.9	3.9	3.9
84	2.6	6.7	.5	3.1	TRACE	.0	.0	.0	.0	4.6	2.4	11.6	11.6
85	1.8	2.0	2.8	1.4	1.0	.0	.0	.0	2.1	2.5	5.4	.7	5.4
86	1.0	.5	2.0	1.0	.0	.0	.0	.0	TRACE	4.3	2.2	1.6	4.3
87	4.5	.7	TRACE	1.0	TRACE	.0	.0	.0	TRACE	1.2	2.5	2.3	4.5
88	1.8	1.1	.7	.1	.3	.0	.0	.0	.2	2.2	3.3	1.4	3.3
89	4.2	3.8	2.1	.2	.4	.0	.0	.0	.5	5.8	2.7	3.8	5.8
90	1.9	4.5	1.0	TRACE	.0	.0	.0	.0	1.4	2.1	6.4	10.9	10.9
.....													
GREATEST	9.4	16.0	12.6	5.5	4.5	TRACE	.0	TRACE	7.0	9.7	14.6	12.9	16.0
.....													
TOTAL OBS	1302	1186	1302	1260	1299	1253	1330	1331	1289	1332	1290	1333	15507
.....													

THE GREATEST VALUE OF 16.0 OCCURRED ON 02/11/66

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SNOW DEPTH IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAJRANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE		.1		12.2	88.2	100.0	100.0	100.0	96.4	30.1	.4		44.2
TRACE				13.1	8.6				2.6	14.5	1.0		3.3
1				4.7	1.0				.4	15.1	6.9	.8	2.4
2				2.8	.6				.4	10.1	8.7	1.8	2.1
3			.2	3.7	.4				.1	10.2	6.1	1.6	1.9
4-6	7.7		1.5	11.9	.7				.1	10.2	27.0	9.5	5.7
7-12	21.7	12.7	20.4	17.6	.3				.1	9.0	33.2	45.4	13.4
13-24	51.8	52.1	52.8	27.3	.2					.8	15.2	35.2	19.4
25-36	17.7	30.3	23.0	6.6							1.2	4.7	6.8
37-48	1.0	4.4	2.2	.1							.3	1.0	.7
49-60		.4											.0
61-120													
OVER 120													
DAYS WITH MEAS AMTS	100.0	99.9	100.0	74.7	3.1				1.0	55.4	98.6	100.0	52.5
TOTAL NO. OF OBSERVATIONS	1302	1186	1302	1260	1302	1260	1302	1333	1290	1332	1290	1333	15492



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
48							*	0	1	2	5	20	20*
49	21	31	25	22	1	0	0	0	0	3	4	13	31
50	40	43	23	12	0	0	0	0	0	7	19	22	43
51	31	34	34	26	0	0	0	0	0	3	13	22	34
52	32	33	30	13	1	0	0	0	2	7	7	8	33
53	7	8	9	7	0	0	0	0	TRACE	1	1	6	9
54	19	19	17	7	0	0	0	0	0	1	2	13	19
55	20	22	22	17	0	0	0	0	0	8	9	29	29
56	28	38	38	22	TRACE	0	0	0	0	7	16	13	38
57	37	32	27	11	TRACE	0	0	0	4	4	7	6	37
58	10	14	13	5	TRACE	0	0	0	TRACE	8	13	17	17
59	22	36	36	17	2	0	0	0	0	3	10	15	36
60	35	27	17	7	TRACE	0	0	0	TRACE	3	11	12	35
61	15	14	13	12	0	0	0	0	0	12	13	18	18
62	21	37	32	17	7	0	0	0	0	2	2	6	37
63	17	17	35	30	5	0	0	0	0	7	5	10	35
64	10	15	16	13	3	0	0	0	0	3	13	23	23
65	23	17	17	3	TRACE	0	0	0	0	7	16	36	36
66	35	52	36	22	3	0	0	0	0	3	32	28	52
67	22	23	37	37	6	0	0	0	0	4	8	20	37
68	33	31	24	19	4	0	0	0	TRACE	2	7	24	33
69	25	22	29	22	TRACE	0	0	0	0	3	8	9	29
70	9	12	10	4	0	0	0	0	1	11	42	41	42
71	38	40	43	36	1	0	0	0	0	3	8	30	43
72	28	29	26	24	2	0	0	0	8	7	9	23	29
73	18	16	22	14	0	0	0	0	TRACE	3	11	12	22
74	13	18	22	15	0	0	0	0	TRACE	13	20	25	25
75	31	30	27	25	TRACE	0	0	0	TRACE	8	14	14	31
76	15	15	18	16	0	0	0	0	0	9	9	8	18
77	11	29	21	22	TRACE	0	0	0	TRACE	10	11	20	29
78	18	19	16	16	0	0	0	0	0	5	14	20	20
79	23	25	24	19	0	0	0	0	0	4	5	8	25
80	12	16	13	8	0	0	0	0	2	2	9	12	16

B - 4 - 2A

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AMOUNTS IN INCHES  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	13	21	15	10	0	0	0	0	TRACE	4	10	13	21
82	17	17	18	18	TRACE	0	0	0	0	16	23	24	24
83	21	24	24	20	TRACE	0	0	0	TRACE	7	7	12	24
84	17	25	23	13	TRACE	0	0	0	0	5	12	38	38
85	31	30	35	31	14	0	0	0	TRACE	3	15	10	35
86	11	11	15	15	0	0	0	0	0	4	8	10	15
87	17	14	14	9	0	0	0	0	0	2	9	14	17
88	14	16	14	13	0	0	0	0	TRACE	7	17	18	18
89	21	26	28	23	TRACE	0	0	0	0	11	20	24	28
90	26	37	36	24	0	0	0	0	0	5	20	46	46

GREATEST	40	52	43	37	14	0	0*	0	8	16	42	46	52*
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TOTAL OBS	1302	1186	1302	1260	1302	1260	1302	1333	1290	1332	1290	1333	15492
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THE GREATEST VALUE OF 52 OCCURRED ON 02/13/66

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK

PERIOD OF RECORD: 4807-9012

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
48 - 49	SEP 18	SEP 19	SEP 19	MAY 14	MAY 03	MAY 03
49 - 50	OCT 04	OCT 09	OCT 09	MAY 20	APR 06	APR 22
50 - 51	SEP 25	OCT 09	OCT 09	MAY 16	APR 25	APR 19
51 - 52	SEP 29	OCT 01	OCT 06	MAY 14	MAY 08	MAY 05
52 - 53	SEP 05	SEP 28	SEP 29	MAY 08	MAR 31	APR 11
53 - 54	SEP 24	OCT 21	OCT 23	APR 26	APR 05	APR 18
54 - 55	SEP 24	OCT 18	OCT 20	MAY 07	APR 23	APR 29
55 - 56	AUG 29	OCT 06	OCT 07	APR 19	APR 19	APR 28
56 - 57	SEP 20	OCT 02	OCT 02	MAY 02	MAY 02	APR 27
57 - 58	SEP 18	SEP 25	SEP 27	MAY 03	MAY 03	APR 15
58 - 59	SEP 20	SEP 30	OCT 07	APR 25	APR 24	MAY 03
59 - 60	SEP 25	OCT 05	OCT 13	MAY 10	APR 25	APR 30
60 - 61	SEP 05	OCT 06	OCT 23	APR 26	APR 25	APR 24
61 - 62	SEP 25	OCT 04	OCT 06	MAY 09	MAY 09	MAY 07
62 - 63	SEP 01	SEP 13	OCT 19	MAY 07	APR 22	MAY 03
63 - 64	OCT 08	OCT 09	OCT 09	MAY 22	MAY 14	MAY 14
64 - 65	OCT 01	OCT 02	OCT 16	MAY 14	MAY 04	APR 14
65 - 66	SEP 27	OCT 01	OCT 07	MAY 19	MAY 19	MAY 16
66 - 67	OCT 06	OCT 07	OCT 11	MAY 15	APR 22	MAY 04
67 - 68	SEP 03	OCT 02	OCT 22	MAY 22	MAY 11	MAY 02
68 - 69	SEP 23	SEP 23	OCT 17	MAY 27	APR 04	APR 18
69 - 70	AUG 07	OCT 29	OCT 31	MAY 01	APR 24	APR 13
70 - 71	SEP 07	SEP 21	SEP 22	MAY 08	MAY 08	MAY 03
71 - 72	SEP 29	SEP 29	OCT 03	APR 27	APR 26	MAY 02
72 - 73	SEP 15	SEP 16	SEP 29	MAY 06	APR 27	APR 27
73 - 74	SEP 23	SEP 23	OCT 09	JUN 03	APR 24	APR 17
74 - 75	SEP 29	SEP 29	OCT 05	MAY 18	APR 18	APR 27
75 - 76	SEP 28	OCT 07	OCT 20	MAY 15	APR 13	APR 17
76 - 77	SEP 29	OCT 07	OCT 24	MAY 08	APR 27	APR 24
77 - 78	SEP 22	SEP 29	OCT 14	MAY 27	MAY 27	APR 14
78 - 79	SEP 20	SEP 20	OCT 11	APR 26	APR 09	APR 26
79 - 80	SEP 13	OCT 19	OCT 20	APR 19	APR 12	APR 11
80 - 81	SEP 01	SEP 02	SEP 02	APR 29	APR 08	APR 15

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OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610 STATION NAME: FAIRBANKS AK

PERIOD OF RECORD: 4807-9012  
SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
81 - 82	SEP 22	SEP 26	OCT 04	MAY 02	MAY 02	APR 30
82 - 83	SEP 30	SEP 30	OCT 09	MAY 18	MAY 04	APR 19
83 - 84	SEP 02	SEP 24	OCT 05	MAY 02	APR 16	APR 28
84 - 85	OCT 03	OCT 07	OCT 13	MAY 19	MAY 09	MAY 08
85 - 86	SEP 16	SEP 21	OCT 18	APR 26	APR 05	APR 23
86 - 87	SEP 22	OCT 04	OCT 09	MAY 11	APR 04	APR 12
87 - 88	SEP 10	OCT 25	OCT 29	MAY 01	MAY 01	APR 17
88 - 89	SEP 25	SEP 29	OCT 06	MAY 09	MAY 09	APR 24
89 - 90	SEP 20	SEP 20	OCT 16	APR 05	MAR 17	APR 20
90 - 91	SEP 25	SEP 29	OCT 12	DEC 31	DEC 29	DEC 31
MEDIAN-DATE	SEP 22	OCT 01	OCT 09	MAY 08	APR 25	APR 24

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCC
PP	AA AA	RR RR	TT	CCCCC

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PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMARIZED BY MONTH, FOR ALL YEARS COMBINED, FOR ELEVEN WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP INCLUDES CALM WINDS. IF THE PEAK WIND IS REPORTED FOR A PARTICULAR DAY AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT" CATEGORY. TABLES INCLUDE MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EACH DAY OF EACH MONTH.

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS. THEY SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE FREQUENCY (POF) FOR ELEVEN WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM" AND "VARIABLE" WINDS ARE GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE. TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EACH SECTOR, ALONG WITH TOTAL OBSERVATION COUNTS, ARE PRINTED BELOW EACH SUMMARY.

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED FOR SPECIFIED CEILING/VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
48							*	*	*	*	*	*	*
49	*	*	*	*	*	*	*	*	*	*	*	*	*
50	*	*	*	*	*	*	*	*	*	*	*	*	*
51	*	*	*	*	*	*	*	*	*	*	*	*	*
52	*	*	*	*	*	*	*	*	*	*	*	*	*
53	*	*	*	*	*	*	*	*	*	*	*	*	*
54	*	*	*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*	*	*	*
56	*	*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
58	*	*	*	*	*	*	*	*	*	*	*	*	*
59	*	*	*	*	*	*	*	*	*	*	*	*	*
60	*	*	*	*	*	*	*	*	*	*	*	*	*
61	*	*	*	*	*	*	*	*	*	*	*	*	*
62	*	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*	*
64	*	*	*	*	*	*	*	*	*	*	*	*	*
65	*	*	*	*	*	*	*	*	*	*	*	*	*
66	*	*	*	*	*	*	*	*	*	*	*	*	*
67	*	*	*	*	*	*	*	*	*	*	*	*	*
68	*	*	*	*	*	*	*	*	*	*	*	*	*
69	*	*	*	*	*	*	*	*	*	*	*	*	*
70	*	*	*	*	*	*	*	*	*	*	*	*	*
71	*	*	*	*	*	*	*	*	*	*	*	*	*
72	*	*	*	*	*	*	*	*	*	*	*	*	*
73	*	*	*	*	*	*	*	*	*	*	*	*	*
74	*	*	*	*	*	*	*	*	*	*	*	*	*
75	*	*	*	*	*	*	*	*	*	*	*	*	*
76	*	*	*	*	*	*	*	*	*	*	*	*	*
77	*	*	*	*	*	*	*	*	*	*	*	*	*
78	*	*	*	*	*	*	*	*	*	*	*	*	*
79	*	*	*	*	*	*	*	*	*	*	*	*	*
80	*	*	*	*	*	*	*	*	*	*	*	*	*

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
81	*	*	*	*	*	*	*	*	*	*	*	*	*
82	*	*	*	*	*	*	*	*	*	*	*	*	*
83	*	*	*	*	*	*	*	*	*	*	*	*	*
84	*	*	*	*	*	*	*	*	*	*	11/* 7	11/*10	11/*10
85	22/*20	11/*15	22/*15	33/*22	22/*26	33/*37	22/*23	22/*31	22/*21	11/*17	11/*16	33/*18	33/*37
86	11/*18	11/*20	11/*22	22/*24	22/*27	22/*30	33/*22	33/*22	22/*19	11/*22	22/*16	11/*23	22/*30
87	22/*30	22/*13	22/*27	33/*23	33/*24	22/*36	33/*26	11/*32	33/*18	11/*15	11/*15	11/*13	22/*36
88	11/*18	22/*25	33/*28	33/*24	22/*29	22/*25	22/*28	33/*21	11/*16	22/*18	11/*16	11/*23	22/*29
89	11/*11	22/*10	11/*30	11/*13	33/*23	22/*29	33/*15	22/*20	33/*25	33/*21	11/*19	11/*20	11/*30
90	11/*15	11/*14	22/*19	22/*20	22/*25	22/*11	22/*55	11/*19	33/*20	11/*23	11/*18	11/*19	22/*55
.....													
GREATEST	22/ 30	22/ 25	11/ 30	22/ 24	22/ 29	33/ 37	22/ 55	11/ 32	33/ 25	11/ 23	11/ 19	11/ 23	22/ 55
.....													
TOTAL OBS	117	97	117	81	81	46	51	54	76	109	119	148	1096
.....													

THE PEAK WIND OF 55 FROM 22/ OCCURRED ON 07/07/90

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH  
\$THE VALUE IS 100 OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF DAILY PEAK WINDS  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	10.3	47.0	35.0	5.1	1.7	.0	.9	.0	.0	.0	.0	9.0	9.0	117
FEB	3.1	60.8	25.8	8.2	1.0	1.0	.0	.0	.0	.0	.0	9.2	8.0	97
MAR	.0	33.3	35.9	18.8	7.7	3.4	.9	.0	.0	.0	.0	12.8	11.0	117
APR	.0	12.3	30.9	29.6	27.2	.0	.0	.0	.0	.0	.0	15.5	16.0	81
MAY	.0	1.2	19.8	32.1	37.0	9.9	.0	.0	.0	.0	.0	18.6	19.0	81
JUN	.0	.0	32.6	19.6	21.7	15.2	6.5	4.3	.0	.0	.0	19.4	18.5	46
JUL	.0	2.0	41.2	25.5	15.7	11.8	2.0	.0	.0	2.0	.0	17.9	16.0	51
AUG	.0	14.8	42.6	29.6	9.3	.0	3.7	.0	.0	.0	.0	14.2	13.5	54
SEP	.0	21.1	43.4	27.6	6.6	1.3	.0	.0	.0	.0	.0	13.1	12.0	76
OCT	.0	30.3	47.7	19.3	2.8	.0	.0	.0	.0	.0	.0	11.7	11.0	109
NOV	5.9	68.9	15.1	10.1	.0	.0	.0	.0	.0	.0	.0	8.6	8.0	119
DEC	1.4	68.2	20.3	6.8	3.4	.0	.0	.0	.0	.0	.0	8.8	8.0	148
ANNUAL	2.2	37.0	31.1	17.2	9.1	2.5	.7	.2	.0	.1	.0	12.2	11.0	1096

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.7	6.4	.4									15.5	4.8	4.0
020-040	10.7	6.3	.6	.4								18.0	5.0	4.0
050-070	4.1	3.4	.6									8.2	5.3	4.5
(E) 080-100	1.6	.5	.1	.3								2.6	5.9	4.0
110-130	1.0	.1										1.1	3.6	3.0
140-160	.9	.3										1.2	4.2	4.0
(S) 170-190	1.6	1.4										3.0	4.4	4.0
200-220	2.0	2.4	.2	.1								4.7	5.4	5.0
230-250	1.3	.5	.1	.1								2.0	5.1	4.0
(W) 260-280	1.0	.1	.1	.2								1.4	6.2	4.0
290-310	1.2	.5										1.7	4.1	3.0
320-340	2.3	2.6	.4									5.3	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											35.2	////////	
TOTALS	36.4	24.5	2.5	1.1								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.3	6.6	.8									14.7	5.2	4.5
020-040	8.9	7.5	.5	.2								17.2	5.0	4.0
050-070	5.4	2.4	.9		.1							8.7	5.1	4.0
(E) 080-100	1.0	.4	.1	.1								1.6	5.4	3.0
110-130	1.3	.2	.1									1.6	4.6	3.0
140-160	.8											.8	3.6	4.0
(S) 170-190	2.5	1.3	.1									3.9	4.1	4.0
200-220	1.5	1.6	.2									3.3	5.6	5.0
230-250	1.2	.4	.1	.2								1.9	5.6	4.0
(W) 260-280	.6	.4	.1	.1								1.3	6.2	4.5
290-310	1.0	.2										1.2	3.6	3.0
320-340	2.3	2.2	.2									4.6	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											39.1	////////////////////////////////	
TOTALS	33.8	23.2	3.1	.6	.1							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	8.0	1.1									15.5	5.5	5.0
020-040	8.7	5.7	.3	.1								14.9	4.7	4.0
050-070	4.7	3.2	.4									8.4	4.8	4.0
(E) 080-100	1.4	.9	.1	.1								2.5	5.3	4.0
110-130	1.3	.4	.2									1.9	4.7	3.0
140-160	.9	.2										1.1	3.5	3.0
(S) 170-190	1.6	1.7	.1									3.4	5.1	5.0
200-220	1.8	1.6	.1									3.6	5.2	4.0
230-250	1.7	1.3	.2	.1	.1							3.4	5.8	4.5
(W) 260-280	1.0	.1	.1	.2								1.4	6.2	4.0
290-310	1.1	.2										1.3	3.4	3.0
320-340	1.6	2.0	.4									4.1	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											38.5	////////	
TOTALS	32.3	25.3	3.0	.5	.1							100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.9	7.5	.4	.4								17.3	5.3	4.0
020-040	9.6	6.1	1.0	.1								16.8	4.8	4.0
050-070	4.3	2.6		.3								7.2	4.8	4.0
(E) 080-100	.9	1.0	.3									2.2	5.6	5.0
110-130	.5											.5	3.8	4.0
140-160	.5	.4	.1									1.1	4.9	4.0
(S) 170-190	2.4	1.7	.1									4.2	4.6	4.0
200-220	2.0	2.2	.2									4.4	5.1	5.0
230-250	1.3	.6	.3	.4								2.7	7.1	5.0
(W) 260-280	1.6	.3	.1									2.0	4.1	3.0
290-310	1.2	.2										1.4	3.5	3.0
320-340	2.7	1.2										3.9	4.4	4.0
VARIABLE														
CALM	////////////////////											36.3	//////////	
TOTALS	35.9	23.8	2.5	1.2								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.6	5.9	1.3	.1								14.9	5.3	4.0
020-040	9.5	5.5	.4	.2								15.6	4.7	4.0
050-070	3.5	2.6	.2	.1								6.5	5.0	4.0
(E) 080-100	1.1	.5		.2								1.8	5.4	4.0
110-130	.8	.2										1.0	4.0	3.0
140-160	1.0	.2	.1									1.3	4.5	4.0
(S) 170-190	3.4	1.3	.2									4.9	4.2	4.0
200-220	3.8	2.5	.1									6.3	4.6	4.0
230-250	1.8	1.0	.4	.1								3.3	5.6	4.0
(W) 260-280	1.5	.3										1.8	3.6	3.0
290-310	1.2											1.2	3.3	3.0
320-340	2.0	1.4										3.4	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											37.8	////////////////////////////////	
TOTALS	37.2	21.4	2.7	.7								100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.3	6.3	1.2									14.8	5.2	5.0
020-040	8.1	5.6	.6	.2	.1							14.7	5.0	4.0
050-070	4.4	2.9	.2	.2								7.8	5.0	4.0
(E) 080-100	1.3	.1										1.4	3.8	4.0
110-130	1.5											1.5	3.2	3.0
140-160	.8	.2										1.0	3.9	4.0
(S) 170-190	2.7	1.5										4.2	4.3	4.0
200-220	3.3	3.1										6.5	4.6	4.0
230-250	1.4	1.1	.4									2.9	5.5	5.0
(W) 260-280	2.0	.3	.3									2.7	4.4	3.0
290-310	1.3	.2										1.5	3.8	3.5
320-340	2.8	1.1										3.9	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											37.2	////////	
TOTALS	36.9	22.4	2.7	.4	.1							100.0	3.0	4.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		7.6	8.6	.6	.1								17.0	5.4	5.0
020-040		8.1	5.1	.5	.1								13.8	4.9	4.0
050-070		3.9	3.1	.5									7.5	5.3	4.0
(E) 080-100		1.0	1.1		.1								2.2	5.3	5.0
110-130		.8											.8	3.1	3.0
140-160		.9											.9	3.6	4.0
(S) 170-190		3.9	1.4										5.3	4.2	4.0
200-220		3.9	2.7	.1									6.7	4.6	4.0
230-250		1.3	1.0	.2									2.5	5.3	4.0
(W) 260-280		1.2	.5	.1									1.8	4.8	4.0
290-310		1.1	.5										1.6	4.3	4.0
320-340		1.6	1.2	.1									2.9	4.8	4.0
VARIABLE															
CALM		////////////////////////////////////										37.1	////////////////////////////////		
TOTALS		35.3	25.2	2.1	.3								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 929



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.3	6.8	.8									15.8	5.0	4.0
020-040	8.7	6.5	.5	.5								16.3	5.3	4.0
050-070	4.5	3.0										7.5	4.5	4.0
(E) 080-100	1.3	.2	.1	.3								1.9	6.1	3.0
110-130	1.2											1.2	3.6	4.0
140-160	.8	.1										.9	3.6	3.5
(S) 170-190	1.7	1.0										2.7	4.2	4.0
200-220	2.3	2.9	.2									5.4	5.0	5.0
230-250	1.7	1.1	.2									3.0	5.0	4.0
(W) 260-280	1.2	.3	.3									1.8	5.5	4.0
290-310	1.1			.1								1.2	4.4	3.0
320-340	2.2	1.5	.4									4.1	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											38.2	////////////////////////////////	
TOTALS	35.0	23.4	2.5	.9								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		7.8	7.0	.8	.1								15.7	5.2	5.0
020-040		9.0	6.0	.6	.2	.0							15.9	4.9	4.0
050-070		4.4	2.9	.4	.1	.0							7.7	5.0	4.0
(E) 080-100		1.2	.6	.1	.1								2.0	5.4	4.0
110-130		1.0	.1	.0									1.2	3.9	3.0
140-160		.8	.2	.0									1.0	4.0	4.0
(S) 170-190		2.5	1.4	.1									4.0	4.4	4.0
200-220		2.6	2.4	.1	.0								5.1	4.9	4.0
230-250		1.5	.9	.3	.1	.0							2.7	5.6	4.0
(W) 260-280		1.3	.3	.1	.1								1.8	4.9	3.0
290-310		1.1	.2		.0								1.4	3.8	3.0
320-340		2.2	1.6	.2									4.0	5.0	4.0
VARIABLE															
CALM		////////////////////////////////////										37.4	////////////////////////////////		
TOTALS		35.4	23.6	2.7	.7								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 7429

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	3.6	1.0									11.2	5.2	4.0
020-040	5.5	2.4	.3	.2								8.4	4.7	4.0
050-070	3.3	.5										3.8	3.6	3.0
(E) 080-100	1.0	.2										1.2	3.3	3.0
110-130	1.9											1.9	3.3	3.0
140-160	1.4	.5										1.9	3.9	4.0
(S) 170-190	4.8	2.4	.5									7.7	4.6	4.0
200-220	4.1	4.8	.3									9.3	4.8	5.0
230-250	1.7	.9	.3	.2								3.1	6.0	4.0
(W) 260-280	1.0		.3	.2								1.5	7.1	4.0
290-310	1.0											1.0	3.3	3.0
320-340	2.4	1.9	.2									4.5	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											44.5	////////////////////////////////	
TOTALS	34.6	17.2	2.9	.6								100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 582

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.6	7.0	.8									17.4	5.0	4.0
020-040	12.4	5.4	.6	.1								18.6	4.5	4.0
050-070	6.2	3.2	.1									9.5	4.3	4.0
(E) 080-100	1.7	.8										2.5	4.1	4.0
110-130	1.3	.1										1.4	3.6	3.0
140-160	1.2	.4										1.5	3.8	3.0
(S) 170-190	1.4	1.8										3.2	4.9	5.0
200-220	2.4	2.5	.2									5.1	4.9	5.0
230-250	1.1	1.2	1.2	.5								3.9	8.4	8.0
(W) 260-280	.6	.7	.2	.2	.1							1.9	8.2	5.5
290-310	.9	.1	.1									1.2	4.4	3.5
320-340	1.9	1.9	.2									4.0	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											29.8	////////////////////////////////	
TOTALS	40.7	25.1	3.4	.8	.1							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	8.4	.9									17.4	5.2	5.0
020-040	11.5	4.5	1.1									17.1	4.6	4.0
050-070	6.4	2.4										8.8	3.9	4.0
(E) 080-100	1.4	.5										1.9	4.0	4.0
110-130	.6	.1										.7	3.8	4.0
140-160	1.1											1.1	3.6	4.0
(S) 170-190	2.4	1.5	.5									4.4	4.9	4.0
200-220	3.2	2.8	.1									6.2	4.8	4.0
230-250	1.4	1.2	.8	.1	.1							3.7	7.5	6.0
(W) 260-280	1.4	.6	.5	.2								2.7	7.0	4.0
290-310	1.1			.1								1.2	4.6	3.0
320-340	3.9	1.5										5.5	4.5	4.0
VARIABLE														
CALM	////////////////////											29.5	////////	
TOTALS	42.5	23.5	3.9	.4	.1							100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 844

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)		WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64			
(N)	350-010	6.7	7.6	.9	.1							15.4	5.5	5.0
	020-040	9.7	5.9	.4								16.0	4.5	4.0
	050-070	5.2	2.6	.4								8.2	4.5	4.0
(E)	080-100	2.4	.5									2.8	3.6	3.0
	110-130	.5										.5	3.5	3.5
	140-160	.5										.5	3.3	3.0
(S)	170-190	3.2	1.2									4.4	4.3	4.0
	200-220	1.5	2.7	.2								4.5	5.7	5.0
	230-250	2.1	1.8	1.1	.2	.1						5.3	7.3	6.0
(W)	260-280	.4	.4	.7	.4							1.8	9.8	12.0
	290-310	1.2	.2									1.4	3.8	4.0
	320-340	1.4	1.7	.1								3.2	5.2	5.0
VARIABLE														
CALM		////////////////////////////////////										36.1	////////////////////////////////	
TOTALS		34.8	24.6	3.8	.7	.1						100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	7.0	6.5	.7	.1								14.3	5.2	5.0
020-040	9.9	5.6	.1	.1								15.7	4.5	4.0
050-070	5.6	4.1	.5									10.2	4.8	4.0
(E) 080-100	1.9	.2										2.1	3.6	3.5
110-130	1.1	.6										1.7	4.1	4.0
140-160	1.2	.2										1.4	3.7	3.0
(S) 170-190	3.0	.7										3.7	4.0	4.0
200-220	3.2	2.8	.4	.2								6.6	5.6	5.0
230-250	1.9	.8	1.5	.8								5.1	8.7	9.0
(W) 260-280	.6	.5	.7									1.8	7.7	7.0
290-310	.8											.8	3.4	3.0
320-340	1.9	1.2	.2									3.3	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											33.3	//////////	
TOTALS	38.1	23.2	4.1	1.2								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	5.8	.8									12.4	5.2	5.0
020-040	5.8	4.3	.1	.2								10.4	4.8	4.0
050-070	4.5	3.7	.5									8.6	4.9	4.0
(E) 080-100	1.1	1.2	.1									2.4	5.0	5.0
110-130	1.7	.6	.1									2.4	4.2	3.5
140-160	.8	.4	.1									1.3	4.3	3.0
(S) 170-190	4.7	2.7										7.4	4.4	4.0
200-220	6.5	3.3	.5									10.3	4.6	4.0
230-250	3.4	.9	1.4	.1								5.9	6.3	4.0
(W) 260-280	.7	.5	1.1	.6								2.8	9.9	10.0
290-310	.6	.4										.9	4.3	3.5
320-340	2.5	1.2										3.7	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											31.4	////////////////////////////////	
TOTALS	38.1	25.0	4.7	.9								100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 846														



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	5.8	1.7									12.8	5.8	5.0
020-040	5.7	3.7	1.1	.1								10.5	5.3	4.0
050-070	4.0	3.1	.4									7.4	4.9	4.0
(E) 080-100	1.2	.7	.2									2.1	5.3	4.0
110-130	1.3	.2										1.5	3.6	3.0
140-160	2.6	.2	.1									3.0	3.8	3.0
(S) 170-190	7.1	4.4										11.5	4.4	4.0
200-220	5.7	4.7	.4	.1								10.9	5.1	4.0
230-250	3.1	.8	1.1	.4	.1							5.4	7.0	4.0
(W) 260-280	1.1	.6	1.5	.2								3.4	8.3	10.0
290-310	.8	.2										1.1	4.1	3.0
320-340	1.2	.9	.2									2.4	5.6	4.5
VARIABLE														
CALM	////////////////////////////////////											28.0	////////	
TOTALS	39.1	25.3	6.7	.8	.1							100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.0	7.8	1.8									19.6	5.4	4.0
020-040	8.4	5.8	1.2									15.4	5.1	4.0
050-070	4.8	2.0	.2	.1								7.1	4.7	4.0
(E) 080-100	1.8	.6										2.4	3.8	3.5
110-130	.5	.2										.7	4.3	4.0
140-160	1.7											1.7	3.4	3.0
(S) 170-190	3.0	2.1										5.1	4.6	4.0
200-220	2.0	3.3	.2	.1								5.7	5.6	5.5
230-250	1.9	2.1	1.3	.4								5.7	7.6	6.0
(W) 260-280	.6	.8	.4	.2	.1							2.1	8.2	7.0
290-310	1.1	.7										1.8	4.7	4.0
320-340	3.0	2.9	.2									6.1	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											26.6	////////	
TOTALS	38.8	28.3	5.3	.8	.1							100.0	3.9	4.0
TOTAL NUMBER OF OBSERVATIONS 842														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.2	9.5	2.0									22.7	5.4	5.0
020-040	12.5	8.2	.5									21.2	4.6	4.0
050-070	5.4	3.1	.2									8.7	4.5	4.0
(E) 080-100	1.8											1.8	3.1	3.0
110-130	.6											.6	3.0	3.0
140-160	1.3	.1										1.4	3.5	3.0
(S) 170-190	1.5	1.8										3.3	4.8	5.0
200-220	1.3	2.2	.5	.1								4.1	6.2	5.0
230-250	.8	1.2	1.3	.2	.2							3.8	9.5	9.0
(W) 260-280	.5	1.2	.2									1.9	6.2	6.0
290-310	1.3	.7										2.0	4.3	4.0
320-340	3.0	1.5	.2									4.7	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											23.8	////////////////////////////////	
TOTALS	41.2	29.5	4.9	.3	.2							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
												WIND
												WIND
(N) 350-010	8.0	7.3	1.2	.0								16.5
020-040	9.5	5.4	.6	.1								15.6
050-070	5.3	3.0	.3	.0								8.6
(E) 080-100	1.6	.6	.0									2.2
110-130	.9	.2	.0									1.2
140-160	1.3	.2	.0									1.5
(S) 170-190	3.3	2.0	.1									5.4
200-220	3.2	3.1	.3	.1								6.7
230-250	2.0	1.3	1.2	.3	.1							4.9
(W) 260-280	.7	.7	.7	.2	.0							2.3
290-310	1.0	.3	.0	.0								1.3
320-340	2.3	1.6	.2									4.1
VARIABLE												
CALM	////////////////////////////////////											29.8
TOTALS	39.1	25.7	4.6	.7	.1							100.0

TOTAL NUMBER OF OBSERVATIONS 6760

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		7.7	5.2	.8	.2							13.8	5.2	4.0
020-040		10.0	1.5	.3	.3							12.2	4.3	4.0
050-070		5.2	.8									6.0	3.6	3.0
(E) 080-100		2.2	.3									2.5	3.7	4.0
110-130		1.5	.3									1.8	3.9	4.0
140-160		1.2	.2									1.3	3.6	3.5
(S) 170-190		3.7	3.0	.3								7.0	5.1	4.0
200-220		2.3	5.0	1.2	.2							8.7	6.5	6.0
230-250		3.8	2.0	2.0	.3							8.2	7.1	5.0
(W) 260-280		1.0	1.0	.3	.3							2.7	6.6	5.0
290-310		1.3	.3									1.7	3.9	3.0
320-340		2.5	.5	.2								3.2	4.4	4.0
.....														
VARIABLE														
CALM		////////////////////////////////////										31.0	////////////////////////////////	
TOTALS		42.4	20.1	5.1	1.3							100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 600

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	7.6	18.4	6.7	.1								32.8	7.0	7.0	
020-040	9.0	10.4	1.4	.3								21.2	5.5	5.0	
050-070	5.5	4.2	.6									10.3	4.9	4.0	
(E) 080-100	1.6	.3	.3	.1								2.4	5.6	4.0	
110-130	1.0	.2										1.2	3.6	3.0	
140-160	.9	.1										1.0	3.8	4.0	
(S) 170-190	1.3	1.1	.1									2.5	4.9	4.0	
200-220	.8	1.6	.6	.1								3.1	6.9	6.0	
230-250	.5	1.2	1.2	.3								3.2	8.8	9.0	
(W) 260-280	.3			.1								.4	6.0	3.0	
290-310	1.1	.3	.1									1.5	4.2	3.0	
320-340	1.8	1.8	.3									4.0	5.7	5.0	
VARIABLE															
CALM	////////////////////////////////////											16.5	////////////////////////////////		
TOTALS	31.4	39.6	11.3	1.0								100.0	5.1	5.0	

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.0	17.0	2.7	.1								28.8	6.1	6.0
020-040	8.8	10.2	1.2									20.2	5.2	5.0
050-070	4.8	5.5	.5									10.9	5.1	5.0
(E) 080-100	1.2	.8	.1	.1								2.2	5.5	4.0
110-130	.8	.1										.9	4.0	4.0
140-160	.6	.1										.8	3.6	3.0
(S) 170-190	1.2	2.2	.1									3.4	5.1	5.0
200-220	1.4	2.0	.3									3.8	5.9	5.0
230-250	.6	.9	1.0	.1								2.6	8.0	8.5
(W) 260-280	.9	.4	.2									1.5	5.6	4.0
290-310	.9		.2	.1								1.2	6.1	4.0
320-340	1.5	3.0	.5									5.1	6.4	7.0
VARIABLE														
CALM	////////////////////////////////////											18.7	////////	
TOTALS	31.7	42.2	6.8	.4								100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.4	15.5	3.8									28.7	6.1	6.0
020-040	8.3	8.9	.6									17.9	5.0	5.0
050-070	5.1	3.6	.5									9.2	4.9	4.0
(E) 080-100	1.8	.3	.1									2.3	4.0	4.0
110-130	.6	.2										.9	3.9	4.0
140-160	.4	.2	.2									.9	5.8	4.5
(S) 170-190	1.5	1.1										2.6	4.4	4.0
200-220	1.3	2.0	.5									3.9	6.3	5.5
230-250	.9	1.6	1.1	.2								3.8	8.1	8.0
(W) 260-280	.9	.5										1.4	4.3	4.0
290-310	1.2	.1										1.3	3.8	3.5
320-340	1.9	2.0	.5									4.5	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											22.8	////////	
TOTALS	33.3	36.0	7.3	.2								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 928



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	8.2	.9									13.5	5.9	6.0
020-040	7.1	8.2	1.0	.1								16.3	5.4	5.0
050-070	7.0	5.6	1.8	.4	.1							14.9	5.9	5.0
(E) 080-100	2.2	2.0	.1	.1								4.4	4.9	5.0
110-130	1.5	.5										2.0	4.2	4.0
140-160	.5	.2										.8	3.9	4.0
(S) 170-190	2.9	3.1	.2									6.2	4.8	5.0
200-220	2.6	2.4	.1									5.1	4.8	4.0
230-250	1.3	1.1	1.1	.2								3.7	7.7	7.5
(W) 260-280	.2	.3	.3									.9	8.1	8.5
290-310	.3	.1										.4	4.5	3.5
320-340	1.0	1.4	.5									2.9	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											28.8	////////////////////////////////	
TOTALS	31.1	33.1	6.0	.8	.1							100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.0	2.5	1.1	.2								5.8	6.7	6.0
020-040	3.1	3.8	1.4	1.0	.2							9.5	7.6	6.0
050-070	4.1	7.0	2.5	1.0								14.5	7.1	6.0
(E) 080-100	2.0	2.4	1.0									5.4	6.2	5.0
110-130	1.8	.9	.3									3.0	5.3	4.0
140-160	1.9	.9										2.8	4.1	4.0
(S) 170-190	6.2	8.2	.1									14.5	5.1	5.0
200-220	8.4	5.6	.8	.1								14.9	5.0	4.0
230-250	1.7	1.0	1.1	.1								3.9	6.9	5.5
(W) 260-280	.5	.3	.6	.2								1.7	9.1	9.5
290-310	.9	.3										1.2	4.1	3.0
320-340	.5	1.1	.4									2.0	6.7	7.0
VARIABLE														
CALM	////////////////////////////////////										20.8	////////////////////////////////		
TOTALS	33.1	34.0	9.3	2.6	.2							100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	2.4	2.5	.4								7.6	7.8	7.0
020-040	2.1	2.7	1.1	1.6	.5							8.0	9.4	6.5
050-070	1.7	4.9	2.8	1.2	.1							10.7	8.6	8.0
(E) 080-100	.5	2.9	.3									3.8	6.4	6.0
110-130	1.4	1.8	.2									3.5	5.7	5.5
140-160	2.1	1.0										3.0	4.1	4.0
(S) 170-190	5.6	11.2	1.6									18.5	5.7	5.0
200-220	5.9	7.6	2.8	.2								16.5	6.4	5.0
230-250	2.3	1.5	1.8	.1	.1							5.8	7.5	7.0
(W) 260-280	.9	.8	.5	.1	.2							2.5	8.2	7.0
290-310	.4	1.0										1.4	5.3	5.0
320-340	.9	1.5	.8									3.1	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											15.6	////////	
TOTALS	26.1	39.3	14.4	3.6	.9							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	8.6	5.5	.8								19.7	7.7	8.0
020-040	3.8	2.9	2.3	1.7	.2							10.9	8.5	7.0
050-070	2.5	3.7	1.1	.6								7.8	7.2	6.0
(E) 080-100	1.0	1.2	.3	.1								2.6	6.2	5.0
110-130	1.1	.6	.1									1.8	5.0	4.0
140-160	1.4	.9										2.3	4.5	4.0
(S) 170-190	4.6	3.7	.2									8.5	4.7	4.0
200-220	1.8	8.4	2.2									12.4	6.9	7.0
230-250	2.4	3.3	1.1									6.8	6.3	6.0
(W) 260-280	1.4	1.4	.2									3.0	5.8	5.0
290-310	1.8	.8	.1									2.7	4.4	4.0
320-340	2.8	4.1	.3									7.2	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											14.4	////////	
TOTALS	29.4	39.6	13.4	3.2	.2							100.0	5.8	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.2	16.3	8.2	.1								32.7	7.2	7.0
020-040	8.3	9.6	1.4	.6								19.9	5.8	5.0
050-070	3.9	5.9	.3	.1								10.2	5.3	5.0
(E) 080-100	.6	.6	.2									1.5	5.9	6.0
110-130	.4	.1										.5	4.0	4.0
140-160	.8	.2										1.0	3.8	3.0
(S) 170-190	2.2	1.2										3.3	4.3	4.0
200-220	1.9	2.8	.4	.1								5.3	5.8	5.0
230-250	1.1	2.2	.9	.2								4.3	7.3	7.0
(W) 260-280	.4	.3										.8	5.0	4.0
290-310	.6	1.0										1.6	4.5	5.0
320-340	2.9	2.9	.5	.1								6.5	6.0	5.5
VARIABLE														
CALM	////////////////////////////////////											12.4	////////	
TOTALS	31.3	43.1	11.9	1.2								100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	11.1	3.9	.2								21.2	6.7	6.0
020-040	6.3	7.1	1.3	.7	.1							15.5	6.1	5.0
050-070	4.3	5.0	1.3	.4	.0							11.1	6.1	5.0
(E) 080-100	1.4	1.3	.3	.1								3.1	5.7	5.0
110-130	1.1	.6	.1									1.7	4.8	4.0
140-160	1.1	.4	.0									1.5	4.2	4.0
(S) 170-190	3.2	4.0	.3									7.4	5.1	5.0
200-220	3.0	4.1	1.0	.1								8.1	6.0	5.0
230-250	1.3	1.6	1.1	.2	.0							4.3	7.4	7.0
(W) 260-280	.7	.5	.2	.1	.0							1.5	6.7	5.0
290-310	.9	.4	.1	.0								1.4	4.6	4.0
320-340	1.7	2.2	.5	.0								4.4	6.1	6.0
VARIABLE														
CALM	//////////////////////////////////////											18.7	////////	
TOTALS	31.0	38.3	10.1	1.8	.1							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7430

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		3.6	7.2										10.8	5.6	6.0
020-040			2.6		.5								3.1	8.3	6.5
050-070		2.1	2.1										4.1	4.6	4.5
(E) 080-100		1.5											1.5	3.3	3.0
110-130		2.1	.5										2.6	3.6	3.0
140-160		1.5	1.0										2.6	4.4	4.0
(S) 170-190		8.8	5.2										13.9	4.4	4.0
200-220		3.6	11.9	3.6									19.1	7.0	7.0
230-250		1.5	7.7	8.2									17.5	8.9	9.0
(W) 260-280		1.0	.5										1.5	4.7	3.0
290-310		1.0	.5										1.5	4.7	3.0
320-340		.5	2.6	.5									3.6	7.4	7.0
VARIABLE															
CALM		////////////////////////////////////										18.0	////////////////////////////////		
TOTALS		27.2	41.8	12.3	.5								100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 194

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.7	20.7	5.0									32.4	6.8	7.0
020-040	5.0	6.8	1.1	.2								13.1	5.8	5.0
050-070	3.7	4.3	.2									8.2	4.9	5.0
(E) 080-100	1.2	.7										1.9	4.4	3.0
110-130	.4	.1										.6	3.8	4.0
140-160	1.1	.2										1.3	3.6	3.0
(S) 170-190	1.7	1.4										3.1	4.8	4.0
200-220	1.0	4.2	.6	.1								5.9	6.5	6.0
230-250	1.3	1.9	1.0	.3		.1						4.7	8.2	7.0
(W) 260-280	1.3	1.0	.8	.1								3.2	6.7	7.0
290-310	1.1	.8										1.9	4.3	4.0
320-340	2.0	8.8	3.1									13.9	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	26.5	50.9	11.8	.7		.1						100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 899



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.4	14.5	3.7									26.5	6.2	6.0
020-040	8.2	8.2	.6		.1							17.1	5.1	5.0
050-070	5.1	4.9	.2									10.2	4.8	4.5
(E) 080-100	2.0	.8										2.8	3.9	3.0
110-130	.9	.3										1.2	4.1	4.0
140-160	1.2	.1										1.3	3.5	3.0
(S) 170-190	1.3	.7										2.0	3.9	3.5
200-220	1.8	4.3	.1									6.2	5.7	6.0
230-250	1.3	2.0	.8									4.1	6.4	6.0
(W) 260-280	.3	1.6	1.1	.1								3.1	8.1	8.0
290-310	.9	.4	.1									1.4	4.6	4.0
320-340	2.6	4.8	2.0									9.4	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////											14.5	////////////////////////////////	
TOTALS	34.0	42.6	8.6	.1	.1							100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	9.6	2.7									18.4	6.1	5.0
020-040	8.8	6.2	.4									15.4	4.7	4.0
050-070	8.0	7.4	1.1									16.6	5.2	5.0
(E) 080-100	2.4	1.1	.1									3.7	4.7	4.0
110-130	1.1	.2										1.3	3.7	3.5
140-160	1.3	.1										1.4	3.4	3.0
(S) 170-190	2.0	1.9										3.9	4.6	4.0
200-220	1.9	3.7	.2									5.8	5.7	6.0
230-250	.3	1.3	1.1	.3		.1						3.2	9.9	9.0
(W) 260-280	.7	.7	.3	.2								1.9	7.9	8.0
290-310	.4	.6	.1									1.1	5.6	5.5
320-340	1.8	3.7	1.4									6.9	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											20.3	////////	
TOTALS	34.9	36.5	7.4	.5		.1						100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	2.8	1.4	.1								5.6	7.2	7.0
020-040	3.9	4.4	.6	.1								9.0	5.4	5.0
050-070	6.1	5.8	2.8	.4								15.1	6.5	5.0
(E) 080-100	3.4	3.2	2.3	.1								9.1	6.9	6.0
110-130	3.3	1.9	.3									5.6	4.8	4.0
140-160	1.1	1.3										2.4	4.6	5.0
(S) 170-190	5.8	6.6	.2									12.6	4.9	5.0
200-220	4.4	5.9	1.1	.1								11.6	5.6	5.0
230-250	1.0	1.4	1.2	.6	.3							4.6	9.9	9.0
(W) 260-280	.4	.7	1.3		.1							2.6	9.3	10.0
290-310	.2	.1	.3									.7	7.7	8.5
320-340	.3	1.9	.8									3.0	7.7	7.0
VARIABLE														
CALM	////////////////////////////////////											18.3	////////	
TOTALS	31.1	36.0	12.3	1.4	.4							100.0	5.1	5.0
TOTAL NUMBER OF OBSERVATIONS 90C														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	2.4	.6									3.8	7.0	7.0
020-040	1.4	1.8	.8	.2	.1							4.3	7.1	5.0
050-070	2.6	4.3	2.6	1.0								10.4	7.9	7.0
(E) 080-100	2.1	3.9	2.9	.1								9.0	7.4	7.0
110-130	2.2	2.9	1.4	.1								6.7	6.4	6.0
140-160	2.9	3.1	.4									6.4	5.1	5.0
(S) 170-190	4.8	12.6	1.8	.2								19.3	6.2	5.0
200-220	3.7	7.9	2.3	.7								14.6	6.8	5.0
230-250	1.9	2.0	1.7	.8								6.3	8.3	7.0
(W) 260-280	.2	1.3	1.3	.4	.3							3.7	10.8	10.0
290-310	.3	1.2	.6									2.1	8.2	7.0
320-340	.9	1.8	.7									3.3	7.1	7.0
VARIABLE														
CALM	////////////////////////////////////											10.0	////////	
TOTALS	23.8	45.2	17.1	3.5	.4							100.0	6.3	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	2.3	2.3	.3								5.6	9.2	8.0
020-040	1.6	.9	1.2	.6	.1	.1						4.5	9.3	7.0
050-070	1.2	3.2	2.0	1.4	.1							8.0	9.6	9.0
(E) 080-100	1.1	3.6	1.4	.2								6.3	7.6	7.0
110-130	2.2	3.1	1.2									6.6	6.2	5.0
140-160	1.8	3.7	.3									5.8	5.7	5.0
(S) 170-190	4.8	12.0	1.8	.1								18.7	6.2	6.0
200-220	3.0	7.6	3.7	.2								14.5	7.6	8.0
230-250	.8	3.0	2.9	.9								7.6	9.4	9.5
(W) 260-280	1.0	2.6	2.7	.8	.2							7.2	9.8	10.0
290-310	.2	2.1	1.2	.3								3.9	9.3	9.0
320-340	.6	2.0	1.8	.1								4.5	8.7	9.0
VARIABLE														
CALM	////////////////////											6.9	////////	
TOTALS	18.9	46.1	22.5	4.9	.4	.1						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.7	6.4	4.0	.1								12.2	7.9	7.0
020-040	1.9	2.8	3.1	1.2								9.0	9.1	9.0
050-070	1.2	2.9	2.0	1.6	.2							7.9	9.5	9.0
(E) 080-100	.8	1.8	.2									2.8	6.5	7.0
110-130	1.4	2.0	.3									3.8	5.4	5.0
140-160	1.6	2.6	.2									4.3	5.3	5.0
(S) 170-190	2.1	4.9	.3	.1								7.4	5.9	5.0
200-220	2.1	7.3	1.1	.3	.1							11.0	7.0	6.0
230-250	1.4	6.6	3.3		.1							11.4	8.0	8.0
(W) 260-280	1.9	3.8	2.6	.2	.1							8.6	8.2	7.0
290-310	1.8	3.3	.9	.2	.1							6.3	7.2	6.0
320-340	.9	6.2	2.2	.2								9.6	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////										5.7	////////////////////////////////		
TOTALS	18.8	50.6	20.2	3.9	.6							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	14.8	4.4	.1								25.6	6.7	7.0
020-040	5.0	6.9	1.8	.6								14.2	6.6	6.0
050-070	1.7	2.7	.7	.3								5.3	7.0	6.5
(E) 080-100	.8	.7										1.4	4.5	4.0
110-130	.8	.2	.1									1.1	4.4	4.0
140-160	1.3	.6										1.9	4.5	4.0
(S) 170-190	1.4	2.3										3.8	4.9	5.0
200-220	2.3	5.0	.8									8.1	6.3	6.0
230-250	2.6	4.2	2.3	.2								9.3	7.4	7.5
(W) 260-280	1.6	2.4	.7	.1								4.8	6.5	5.0
290-310	1.4	1.8	.1									3.3	5.2	5.0
320-340	3.1	8.2	3.8									15.1	7.3	7.0
VARIABLE														
CALM	////////////////////////////////////											6.0	////////////////////////////////	
TOTALS	28.2	49.8	14.7	1.3								100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: ALL

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	4.0	9.2	3.0	.1								16.2	6.8	6.0
020-040	4.5	4.8	1.2	.4	.0	.0						10.8	6.1	5.0
050-070	3.7	4.4	1.4	.6	.0							10.2	6.7	5.0
(E) 080-100	1.7	2.0	.9	.1								4.6	6.5	6.0
110-130	1.6	1.3	.4	.0								3.3	5.5	5.0
140-160	1.5	1.5	.1									3.1	4.9	5.0
(S) 170-190	3.0	5.3	.5	.1								8.9	5.6	5.0
200-220	2.5	5.7	1.2	.2	.0							9.7	6.6	6.0
230-250	1.3	2.8	1.8	.4	.1	.0						6.4	8.3	8.0
(W) 260-280	.9	1.8	1.3	.3	.1							4.4	8.5	8.0
290-310	.8	1.3	.4	.1	.0							2.6	6.9	6.0
320-340	1.5	4.7	2.0	.0								8.2	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											11.4	////////////////////////////////	
TOTALS	27.0	44.8	14.2	2.3	.2							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 7195



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.1	2.1									5.3	8.9	8.5
020-040	2.1	1.6										3.7	4.7	4.0
050-070	4.3	3.2										7.4	4.7	4.0
(E) 080-100	1.1	1.1										2.1	4.5	4.0
110-130	1.1	1.1										2.1	4.8	4.0
140-160	.5	1.1										1.6	4.7	5.0
(S) 170-190	.5	8.0										8.5	6.3	6.0
200-220	1.6	26.6	3.7	1.6								33.5	7.5	7.0
230-250		5.3	7.4	1.6	.5							14.9	11.3	11.0
(W) 260-280		2.7	.5	1.1								4.3	10.1	8.5
290-310	1.1											1.1	4.0	4.0
320-340	2.7	2.7										5.3	4.7	4.5
VARIABLE														
CALM	////////////////////											10.1	////////	
TOTALS	16.1	55.5	13.7	4.3	.5							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 188

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.2	22.9	6.2									38.4	6.8	7.0
020-040	6.0	6.3	.1									12.5	4.8	5.0
050-070	2.0	2.7	.4									5.2	5.6	5.0
(E) 080-100	.9	.9										1.7	4.3	4.5
110-130	.6	.4										1.1	4.4	4.0
140-160	.5	.6										1.2	4.7	5.0
(S) 170-190	1.1	.9	.1									2.0	5.1	4.0
200-220	1.7	4.0	1.0	.1								6.8	6.7	7.0
230-250	1.3	3.2	1.7	.1								6.3	7.6	7.0
(W) 260-280	.5	1.7	.4									2.7	6.5	6.0
290-310	1.2	1.5	.1									2.8	5.1	5.0
320-340	2.6	8.7	2.0									13.3	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////											6.0	////////	
TOTALS	27.6	53.8	12.0	.2								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	18.1	6.7									31.9	6.9	7.0
020-040	8.3	7.6	.1									16.0	4.6	4.0
050-070	5.8	5.7	.1									11.6	4.7	4.5
(E) 080-100	1.3	.4										1.7	4.1	4.0
110-130	1.3	.4	.1									1.8	4.3	4.0
140-160	.9	.5										1.4	4.2	4.0
(S) 170-190	.6	.5	.1									1.3	5.4	4.5
200-220	1.2	2.8	1.1	.3								5.4	7.4	7.0
230-250	.9	2.9	1.4	.1								5.3	8.1	8.0
(W) 260-280	1.0	.8	.2									1.9	5.3	4.5
290-310	.9	.3										1.2	4.1	4.0
320-340	3.1	6.6	1.5									11.2	6.6	7.0
VARIABLE														
CALM	////////////////////////////////////											9.3	////////	
TOTALS	32.4	46.6	11.3	.4								100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREE)	WIND SPEED IN KNOTS											TOTAL, %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	12.4	2.2									18.1	6.7	7.0
020-040	8.8	7.0	.1	.1								16.0	4.6	4.0
050-070	11.2	8.1	.5	.1								19.9	4.7	4.0
(E) 080-100	4.1	2.5	.2	.1								6.9	4.7	4.0
110-130	2.4	.8										3.1	3.8	4.0
140-160	1.6	.4										2.0	3.9	4.0
(S) 170-190	2.0	1.8										3.9	4.5	4.0
200-220	1.3	4.1	.6	.4								6.5	7.1	6.5
230-250	.8	2.4	1.7	.3								5.2	8.4	9.0
(W) 260-280	.1	.8	.4	.1								1.4	8.7	8.0
290-310	.3	.1	.1									.5	6.0	4.0
320-340	1.9	3.7	.9									6.5	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											10.0	////////////////////////////////	
TOTALS	38.1	44.1	6.7	1.1								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	2.6	.4	.1								4.8	6.0	5.0
020-040	2.5	4.0	.2									6.7	5.5	5.0
050-070	6.1	9.5	2.7	.5								18.8	6.3	5.0
(E) 080-100	3.9	5.7	2.2	.4								12.2	6.7	5.0
110-130	3.3	2.7	.8									6.8	5.4	5.0
140-160	3.8	2.2	.1									6.0	4.4	4.0
(S) 170-190	4.7	4.6	.4	.1								9.9	5.1	5.0
200-220	2.3	4.5	2.3	.3								9.4	7.5	7.0
230-250	2.2	2.2	3.5	.1	.1							8.1	8.2	9.0
(W) 260-280	.3	1.6	1.4	.3								3.7	9.1	9.0
290-310	.5	.9	.3		.1							1.8	7.4	6.0
320-340	.9	1.5	.6	.2								3.2	7.2	6.5
VARIABLE														
CALM	////////////////////////////////////											8.7	//////////	
TOTALS	32.2	42.0	14.9	2.0	.2							100.0	5.9	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64					
(N) 350-010	1.1	2.7	1.3	.4								5.5	7.8	7.0	
020-040	1.4	3.0	1.4									5.8	7.1	6.0	
050-070	2.7	5.3	2.4	.3	.1							10.8	7.2	6.0	
(E) 080-100	3.7	6.0	2.0	.2								11.9	6.6	5.0	
110-130	2.5	4.1	1.6	.2	.1							8.5	7.2	6.0	
140-160	2.6	3.3	.2	.1								6.2	5.4	5.0	
(S) 170-190	2.9	4.7	1.7		.1							9.5	6.5	6.0	
200-220	1.1	5.5	3.6	.8								10.9	8.7	8.0	
230-250	1.1	4.7	3.3	.9	.1							10.1	9.1	9.0	
(W) 260-280	1.0	2.8	2.9	.4								7.1	9.1	9.0	
290-310	1.2	2.4	1.5	.1	.2							5.4	7.9	7.0	
320-340	.8	2.7	.9	.1								4.4	7.2	7.0	
VARIABLE															
CALM	////////////////////////////////////											3.9	////////////////////////////////		
TOTALS	22.1	47.2	22.8	3.5	.6							100.0	7.2	7.0	
TOTAL NUMBER OF OBSERVATIONS 929															

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	5.3	3.3	.4								10.1	8.5	8.0
020-040	1.4	2.2	1.7	.9								6.1	8.8	8.0
050-070	1.5	4.6	3.4	.8	.1							10.5	8.9	9.0
(E) 080-100	1.2	3.7	1.6	.6								7.1	8.2	7.5
110-130	1.8	2.6	1.5									5.9	7.0	7.0
140-160	1.7	3.4	.3									5.5	5.8	5.0
(S) 170-190	1.3	4.6	1.0	.8								7.7	7.7	7.0
200-220	.9	4.5	4.3	.9	.1							10.7	9.6	9.0
230-250	1.1	4.5	5.5	.9	.3							12.3	9.9	10.0
(W) 260-280	1.4	5.2	3.0	.3								9.9	8.3	8.0
290-310	.9	3.6	1.8									6.2	7.7	7.0
320-340	.4	3.6	1.7	.1								5.8	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	14.7	47.8	29.1	5.7	.5							100.0	8.2	8.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	1.1	6.1	3.1	.3								10.7	8.1	8.0
020-040	1.1	3.9	5.8	1.7								12.5	10.2	10.5
050-070	1.9	4.1	4.2	1.1	.2							11.5	9.6	9.0
(E) 080-100	.6	2.7	1.3	.2								4.8	8.2	8.0
110-130	.5	1.9	.8									3.2	7.4	7.0
140-160	.8	1.7	.4									2.9	6.6	6.0
(S) 170-190	1.2	3.3	1.3	.1								5.9	7.2	6.0
200-220	1.0	5.1	3.1	.4	.1							9.7	8.7	8.0
230-250	.8	5.1	4.8	1.0	.1	.2						11.9	9.9	10.0
(W) 260-280	1.6	5.3	3.2	.3								10.4	8.2	8.0
290-310	.5	4.7	1.3									6.6	7.5	7.0
320-340	1.2	6.0	1.0	.1								8.3	7.2	7.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////	
TOTALS	12.3	49.9	30.3	5.2	.4	.2						100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 929



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.7	14.9	4.0	.1								22.7	7.0	7.0
020-040	2.4	5.3	4.6	.6								12.9	8.3	8.0
050-070	2.2	4.0	1.6	.4								8.2	7.3	6.5
(E) 080-100	1.1	1.2	.3									2.6	6.1	5.5
110-130	1.1	.9										1.9	4.6	4.0
140-160	.9	.9	.1									1.8	4.8	5.0
(S) 170-190	.6	1.2	.2									2.0	5.6	5.0
200-220	1.1	4.8	1.7	.2								7.8	7.6	7.0
230-250	.6	7.0	4.0	.8	.1							12.5	8.9	8.0
(W) 260-280	.6	5.9	.6									7.2	6.9	7.0
290-310	2.0	4.0	.4									6.5	5.4	5.0
320-340	3.1	7.6	1.1	.1								11.9	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	19.4	57.7	18.6	2.2	.1							100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	3.6	10.6	3.4	.2								17.8	7.1	7.0
020-040	4.0	4.9	1.8	.4								11.1	6.5	5.0
050-070	4.2	5.5	1.9	.4	.1							12.1	6.6	5.0
(E) 080-100	2.1	2.9	1.0	.2								6.1	6.5	5.0
110-130	1.7	1.7	.6	.0	.0							4.0	6.1	5.0
140-160	1.6	1.6	.1	.0								3.4	5.1	5.0
(S) 170-190	1.8	2.7	.6	.1	.0							5.3	6.2	5.0
200-220	1.3	4.4	2.2	.4	.0							8.4	8.1	7.0
230-250	1.1	4.0	3.3	.5	.1	.0						9.0	9.0	9.0
(W) 260-280	.8	3.0	1.5	.2								5.5	8.0	8.0
290-310	.9	2.2	.7	.0	.0							3.9	6.8	6.0
320-340	1.7	5.0	1.2	.1								8.1	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////////////////////////////	
TOTALS	24.8	48.5	18.3	2.5	.2							100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 7434

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		1.6	2.5										4.1	6.4	8.0
020-040															
050-070		4.1	1.6										5.7	4.1	4.0
(E) 080-100		1.6	3.3										4.9	5.2	5.0
110-130		1.6	2.5										4.1	4.8	5.0
140-160		1.6	7.4										9.0	5.2	5.0
(S) 170-190		3.3	9.0		.8								13.1	5.9	5.0
200-220		1.6	14.8	4.9	4.9								26.2	9.5	9.0
230-250		1.6	7.4	6.6	1.6								17.2	9.1	9.0
(W) 260-280			1.6	4.9	.8								7.4	11.1	11.0
290-310		.8											.8	4.0	4.0
320-340		.8											.8	4.0	4.0
VARIABLE															
CALM		////////////////////////////////////											6.6	////////////////////////////////	
TOTALS		18.6	50.1	16.4	8.1								100.0	7.1	6.0

TOTAL NUMBER OF OBSERVATIONS 122

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.4	19.4	1.0									28.9	5.7	5.0
020-040	4.9	6.3	.9									12.1	5.2	5.0
050-070	2.7	3.4	.2									6.3	5.1	5.0
(E) 080-100	2.3	.7										3.0	3.9	4.0
110-130	1.3	.7	.1									2.1	5.0	4.0
140-160	1.1	.7										1.8	4.4	4.0
(S) 170-190	1.9	2.9	.1									4.9	5.3	5.0
200-220	.9	5.2	1.2	.3								7.7	7.6	7.0
230-250	.4	7.7	2.8	.2	.1							11.2	8.3	8.0
(W) 260-280	.6	4.2	.3	.1								5.2	6.7	6.0
290-310	1.0	1.8	.4									3.2	6.0	5.0
320-340	2.9	7.1	.4									10.4	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////	
TOTALS	28.4	60.1	7.4	.6	.1							100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.6	15.0	.9									23.5	5.5	5.0
020-040	8.1	9.2	.7									18.0	4.8	5.0
050-070	5.1	4.6	.1									9.8	4.5	4.0
(E) 080-100	2.2	1.9										4.1	4.4	4.0
110-130	1.7	1.2										2.9	4.5	4.0
140-160	1.2	.9										2.1	4.2	3.0
(S) 170-190	1.4	2.4	.1									4.0	5.3	5.0
200-220	.9	6.2	1.3	.1	.1							8.7	7.4	7.0
230-250	1.4	4.4	2.0	.2								8.1	7.8	7.0
(W) 260-280	.9	2.0	.7	.1								3.7	6.7	6.0
290-310	1.0	.9										1.9	4.7	4.0
320-340	3.1	3.9	.1									7.1	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////	
TOTALS	34.6	52.6	5.9	.4	.1							100.0	5.2	5.0
TOTAL NUMBER OF OBSERVATIONS 899														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	5.5	.8									9.5	5.6	5.0
020-040	7.3	5.2	.6	.1								13.2	4.8	4.0
050-070	9.8	6.8	.8									17.4	4.8	4.0
(E) 080-100	4.7	4.4	.1									9.2	4.8	4.0
110-130	4.8	1.9										6.7	4.0	4.0
140-160	2.8	1.4										4.2	4.6	4.0
(S) 170-190	2.6	4.2	.2									7.0	5.3	5.0
200-220	1.2	6.2	1.2	.6	.2							9.5	8.0	8.0
230-250	.8	3.4	3.1	.2								7.6	8.6	8.0
(W) 260-280	.4	1.4	1.1	.2	.1							3.3	9.1	8.0
290-310	.9	.3										1.2	4.1	3.0
320-340	.6	1.1										1.7	5.6	6.0
VARIABLE														
CALM	////////////////////////////////////											9.6	////////	
TOTALS	39.1	41.8	7.9	1.1	.3							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	1.6	.3									2.7	6.2	6.0
020-040	1.8	1.7	.7	.1								4.2	6.0	5.0
050-070	4.1	5.6	1.0	.3								11.0	6.1	5.0
(E) 080-100	3.7	4.0	1.8	.1								9.6	6.3	5.0
110-130	5.9	3.8	.4									10.1	5.0	4.0
140-160	4.3	3.0	.2									7.6	4.5	4.0
(S) 170-190	3.2	6.6	.8	.1								10.7	5.9	5.0
200-220	2.0	8.7	3.3	.6								14.6	7.8	7.0
230-250	1.3	5.7	4.2	.4	.2							11.9	8.7	8.0
(W) 260-280	1.1	3.2	2.2	.8								7.3	8.8	9.0
290-310	.7	1.1	.4									2.2	7.1	7.5
320-340	.8	1.1	.1									2.0	5.6	5.5
VARIABLE														
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	29.7	46.1	15.4	2.4	.2							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	1.1	2.2	.7	.1								4.1	6.8	6.0
020-040	.8	1.6	1.9	.7	.1							5.0	9.6	10.0
050-070	3.0	3.1	1.4	.1	.1							7.8	6.6	5.0
(N) 080-100	2.2	2.9	2.0									7.1	7.0	6.0
110-130	2.9	4.4	.8	.1								8.2	5.9	5.5
140-160	1.7	3.1	.8	.1								5.7	6.2	6.0
(S) 170-190	2.7	7.1	1.8		.1							11.7	6.7	6.0
200-220	1.6	9.2	3.8	.6								15.1	8.1	8.0
230-250	.9	7.3	6.0	.9								15.1	9.2	9.0
(W) 260-280	1.1	4.9	3.9	.2								10.1	8.6	9.0
290-310	.6	2.6	.8	.1								4.0	7.6	7.5
320-340	.9	1.1	.3									2.3	6.3	6.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	19.5	49.5	24.2	2.9	.3							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 899



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	3.3	.8	.2								4.4	7.9	7.0
020-040	1.2	3.1	2.0	.8	.2							7.3	8.9	8.0
050-070	1.7	3.9	2.0	.9	.1							8.6	8.3	7.0
(E) 080-100	1.1	1.6	1.2	.3								4.2	7.6	7.0
110-130	1.8	2.6	1.4	.6	.1							6.4	7.9	7.0
140-160	1.9	3.4	.7									6.0	6.1	6.0
(S) 170-190	1.6	5.6	1.0	.1								8.2	6.7	6.0
200-220	.9	7.1	3.6	1.2	.1							12.9	8.9	8.0
230-250	.8	7.6	8.4	.9								17.7	9.5	10.0
(W) 260-280	.7	4.4	4.0	.3								9.4	9.0	9.0
290-310	1.0	4.4	1.2									6.7	7.2	7.0
320-340	1.0	3.3	.6	.1								5.0	6.8	6.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	13.8	50.3	26.9	5.4	.5							100.0	8.0	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	4.1	1.6									6.3	7.3	7.0
020-040	.8	2.3	1.3	.7								5.1	8.6	8.0
050-070	1.8	3.7	3.2	.2								8.9	8.1	7.0
(E) 080-100	1.0	2.2	1.2		.1							4.6	7.6	7.0
110-130	1.0	3.4	1.3	.2								6.0	7.7	7.0
140-160	1.6	2.1	.8	.1								4.6	6.3	5.0
(S) 170-190	1.1	4.4	1.1	.6								7.2	7.6	7.0
200-220	1.2	7.8	4.9	1.6								15.4	8.9	8.0
230-250	1.6	5.9	6.2	.9	.2							14.8	9.5	9.0
(W) 260-280	1.3	6.9	4.0	.1								12.3	7.9	7.0
290-310	.8	4.6	.4									5.8	6.7	7.0
320-340	1.6	4.7		.1								6.3	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	14.5	52.1	26.0	4.5	.3							100.0	7.8	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	10.0	.4									13.0	6.0	6.0
020-040	2.3	5.0	1.9	.1								9.3	6.6	6.0
050-070	1.0	2.2	.7	.2								4.1	7.1	7.0
(E) 080-100	1.3	2.6	.6	.2								4.7	6.7	6.0
110-130	1.0	2.3	.1									3.4	5.4	5.0
140-160	.9	.9										1.8	4.9	4.5
(S) 170-190	.9	4.2	.4									5.6	6.2	6.0
200-220	1.8	6.4	2.4	.4								11.1	7.8	7.0
230-250	1.1	8.9	4.0	.8								14.8	8.8	8.0
(W) 260-280	2.0	7.9	1.0	.2	.1							11.2	6.8	6.0
290-310	3.0	4.7	.4		.1							8.2	5.6	5.0
320-340	2.2	7.3	.4									10.0	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////	
TOTALS	20.1	62.4	12.3	1.9	.2							100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	7.6	.8	.0								11.5	5.9	5.0
020-040	3.4	4.3	1.2	.3	.0							9.3	6.2	5.0
050-070	3.6	4.2	1.2	.2	.0							9.2	6.1	5.0
(E) 080-100	2.3	2.5	.9	.1	.0							5.8	6.1	5.0
110-130	2.5	2.5	.5	.1	.0							5.7	5.8	5.0
140-160	1.9	1.9	.3	.0								4.2	5.3	5.0
(S) 170-190	1.9	4.7	.7	.1	.0							7.4	6.3	6.0
200-220	1.3	7.1	2.7	.7	.1							11.9	8.2	8.0
230-250	1.0	6.4	4.6	.6	.1							12.6	8.9	9.0
(W) 260-280	1.0	4.4	2.2	.3	.0							7.8	8.0	7.0
290-310	1.1	2.5	.5	.0	.0							4.2	6.4	6.0
320-340	1.6	3.7	.3	.0								5.6	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	24.7	51.8	15.9	2.4	.2							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7197

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	3.1										4.6	5.2	5.0
020-040	2.6	.5										3.1	4.2	4.0
050-070	4.6	3.1										7.7	4.3	4.0
(E) 080-100	2.6	1.5										4.1	4.5	4.0
110-130	2.6	3.1	.5									6.2	5.3	5.0
140-160	3.1	5.2										8.2	4.8	5.0
(S) 170-190	2.1	7.7										9.8	6.1	6.0
200-220	1.5	22.2	5.2	3.1	1.5							33.5	9.2	8.0
230-250		6.2	5.7	.5	.5							12.9	9.9	10.0
(W) 260-280	1.0	1.0	1.5									3.6	7.3	5.0
290-310														
320-340	.5											.5	4.0	4.0
VARIABLE														
CALM	////////////////////											5.7	////////	
TOTALS	22.1	53.6	12.9	3.6	2.0							100.0	6.9	6.0

TOTAL NUMBER OF OBSERVATIONS 194

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.1	14.2	.9									22.2	5.5	5.0
020-040	5.8	6.5										12.3	4.7	5.0
050-070	2.8	2.9	.1									5.8	4.7	5.0
(E) 080-100	1.8	1.5										3.3	4.4	4.0
110-130	.6	1.0	.1									1.7	5.1	5.0
140-160	.8	.3										1.1	4.1	4.0
(S) 170-190	1.7	4.0	.1									5.8	5.6	5.0
200-220	1.4	9.7	2.3	.2								13.6	7.2	7.0
230-250	1.6	7.1	2.6	.4								11.7	7.6	7.0
(W) 260-280	.9	2.5	.4	.3								4.1	7.1	6.0
290-310	1.2	1.4	.2									2.8	5.6	5.0
320-340	2.9	8.0	.3									11.2	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	28.6	59.1	7.0	.9								100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.3	10.8	.6									21.7	5.2	5.0
020-040	10.9	7.8										18.7	4.4	4.0
050-070	4.3	2.9	.1									7.3	4.4	4.0
(E) 080-100	3.3	.8										4.1	3.8	4.0
110-130	2.2	1.3										3.4	4.2	4.0
140-160	1.7	1.2										2.9	4.3	4.0
(S) 170-190	1.7	4.3										6.0	5.5	5.5
200-220	1.2	5.7	1.3									8.2	6.8	6.5
230-250	1.2	5.7	3.3	.1								10.3	8.2	8.0
(W) 260-280	.8	1.5	.3	.1								2.7	6.4	6.0
290-310	.6	.6										1.3	4.7	4.5
320-340	3.0	2.8	.3									6.1	5.7	5.0
VARIABLE														
CALM	////////////////////////////////////											7.2	////////////////////////////////	
TOTALS	41.2	45.4	5.9	.2								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	6.3	.5									11.8	5.3	5.0
020-040	7.6	3.0	.6									11.3	4.4	4.0
050-070	8.5	5.5	.2									14.2	4.5	4.0
(E) 080-100	5.6	3.3										8.9	4.2	4.0
110-130	4.4	2.3										6.7	4.2	4.0
140-160	2.3	2.0										4.3	4.5	4.0
(S) 170-190	2.6	4.1										6.7	5.1	5.0
200-220	.6	7.2	1.8									9.7	7.3	7.0
230-250	.9	4.8	2.7	.6								9.0	8.7	8.0
(W) 260-280	.6	1.4	1.2	.1								3.3	7.9	8.0
290-310	.6	.2										.9	4.1	4.0
320-340	1.8	1.2	.1									3.1	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											10.1	////////	
TOTALS	40.4	41.3	7.1	.7								100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.2	.2									3.4	5.6	5.0
020-040	3.0	1.5	.5	.1	.1							5.3	5.6	4.0
050-070	5.6	5.1	.2	.2								11.1	5.0	4.0
(E) 080-100	4.5	2.5	.2									7.2	4.7	4.0
110-130	4.1	3.0										7.1	4.4	4.0
140-160	4.3	2.4	.1									6.8	4.4	4.0
(S) 170-190	4.3	8.3	.2									12.8	5.2	5.0
200-220	2.8	6.9	2.6	.4								12.7	7.2	6.0
230-250	1.2	6.4	4.2	1.2	.2							13.1	9.3	8.0
(W) 260-280	.9	2.6	2.3	.3								6.0	8.9	9.0
290-310	1.2	1.1										2.3	4.7	4.0
320-340	1.2	.8										1.9	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	34.2	42.8	10.5	2.2	.3							100.0	5.5	5.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.9	.4									3.0	6.8	6.0
020-040	1.4	1.5	.8	.3								4.0	7.3	6.0
050-070	1.4	2.7	.1									4.2	5.3	5.0
(E) 080-100	1.2	3.4	.4									5.1	6.1	6.0
110-130	2.7	2.6	.4									5.7	5.3	5.0
140-160	3.1	4.2	.2									7.5	5.0	5.0
(S) 170-190	3.0	10.1	.9									14.0	6.3	6.0
200-220	1.2	7.8	4.9	.8								14.7	8.5	8.0
230-250	1.3	8.2	7.8	1.5	.1							18.9	9.5	9.5
(W) 260-280	.8	4.7	2.9	.6								9.0	8.9	9.0
290-310	1.1	3.1	.5									4.7	6.6	6.0
320-340	.6	1.5	.1	.1								2.4	6.5	6.0
VARIABLE														
CALM	////////////////////											6.8	////////	
TOTALS	18.4	51.7	19.4	3.3	.1							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	3.0	.4	.1								4.2	6.7	6.0
020-040	1.0	2.2	1.0	.2								4.3	7.6	7.5
050-070	1.1	3.3										4.4	5.5	5.0
(E) 080-100	1.3	2.7	.8									4.7	6.4	6.0
110-130	2.0	2.9	.8									5.7	6.2	6.0
140-160	2.0	2.7	.1	.1								5.0	5.2	5.0
(S) 170-190	1.5	6.2	.5	.1								8.4	6.6	6.0
200-220	.9	8.1	4.3	.5	.1							13.9	8.5	8.0
230-250	1.2	9.0	7.6	2.0	.5							20.5	10.1	9.5
(W) 260-280	1.4	7.2	5.4	.6								14.6	8.7	9.0
290-310	.9	4.3	1.7	.3								7.2	8.2	8.0
320-340	.5	1.8	.6									3.0	7.2	7.0
VARIABLE														
CALM	////////////////////											4.1	////	////
TOTALS	14.4	53.4	23.2	3.9	.6							100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		1.1	4.4	.4	.1								6.0	6.5	6.0
020-040		1.4	2.6	.8	.3								5.1	7.0	6.0
050-070		1.3	3.7	1.5	.3								6.8	7.3	6.0
(E) 080-100		.4	2.6	.4		.1							3.6	7.2	7.0
110-130		1.3	2.3										3.6	5.7	6.0
140-160		1.0	1.9	.3									3.2	5.7	5.0
(S) 170-190		1.1	5.8	.4									7.3	6.2	6.0
200-220		.6	9.4	3.3	.5								13.9	8.3	8.0
230-250		.9	9.5	5.5	2.0	.1							18.0	9.4	9.0
(W) 260-280		.6	10.0	4.5	.6								15.8	8.4	8.0
290-310		1.0	6.9	.8	.2	.1							8.9	6.9	6.0
320-340		1.6	3.3	.4	.1								5.5	6.2	6.0
VARIABLE															
CALM		////////////////////////////////////											2.3	////////////////////////////////	
TOTALS		12.3	62.4	18.3	4.1	.3							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	9.5	.2									14.5	5.3	5.0
020-040	2.4	2.6	1.1	.1								6.1	6.5	5.0
050-070	.9	2.0	.3									3.2	5.6	5.0
(E) 080-100	1.0	1.4	.8	.1								3.2	7.3	6.5
110-130	1.0	1.3	.1									2.4	5.1	5.0
140-160	1.0	2.0	.1	.1								3.2	5.7	5.0
(S) 170-190	1.9	3.3	.4									5.7	5.9	6.0
200-220	2.2	8.6	3.2	.3								14.3	7.3	6.0
230-250	1.5	10.3	3.9	.3								16.0	7.8	8.0
(W) 260-280	2.0	8.4	1.6	.2								12.3	6.9	6.5
290-310	2.6	3.9	.1									6.6	5.0	5.0
320-340	3.2	5.3	.4									8.9	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											3.5	////////	
TOTALS	24.5	58.6	12.2	1.1								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												% WIND WIND
(N) 350-010	3.8	6.5	.5	.0								10.9 5.5 5.0
020-040	4.2	3.5	.6	.1	.0							8.4 5.3 5.0
050-070	3.2	3.5	.3	.1								7.1 5.1 5.0
(E) 080-100	2.4	2.3	.3	.0	.0							5.0 5.3 5.0
110-130	2.3	2.1	.2									4.5 5.0 4.0
140-160	2.0	2.1	.1	.0								4.3 4.9 5.0
(S) 170-190	2.2	5.8	.3	.0								8.3 5.8 6.0
200-220	1.4	7.9	3.0	.3	.0							12.6 7.7 7.0
230-250	1.2	7.6	4.7	1.0	.1							14.7 9.0 8.0
(W) 260-280	1.0	4.8	2.3	.4								8.5 8.1 8.0
290-310	1.1	2.7	.4	.1	.0							4.3 6.4 6.0
320-340	1.9	3.1	.3	.0								5.3 5.7 5.0
VARIABLE												
CALM	////////////////////////////////////											6.1 //////////////////////////////////
TOTALS	26.7	51.9	13.0	2.0	.1							100.0 6.2 6.0

TOTAL NUMBER OF OBSERVATIONS 7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	3.0										5.6	4.8	5.0
020-040	2.3	1.8										4.0	4.4	4.0
050-070	3.0	2.8										5.8	4.5	4.0
(E) 080-100	3.3	1.8										5.1	4.1	4.0
110-130	3.0	1.0										4.0	4.1	4.0
140-160	2.3	3.8										6.1	4.8	5.0
(S) 170-190	3.0	9.1										12.1	5.6	6.0
200-220	1.8	12.6	6.3	.8								21.5	8.3	8.0
230-250	.8	10.1	10.9	.5								22.2	9.6	10.0
(W) 260-280	1.8	1.3	.8	.8								4.5	7.8	5.5
290-310	.3	1.0										1.3	5.2	5.0
320-340	.8	2.0										2.8	5.2	5.0
VARIABLE														
CALM	////////////////////											5.1	////////	
TOTALS	24.9	50.3	18.0	2.1								100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 396

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.0	14.4	1.1									24.5	5.5	5.0
020-040	8.8	6.3										15.2	4.5	4.0
050-070	3.9	2.2										6.0	4.2	4.0
(E) 080-100	1.0	1.2										2.2	4.4	5.0
110-130	1.3	.6	.1									2.0	4.7	4.0
140-160	.6	1.1										1.7	4.8	5.0
(S) 170-190	1.5	3.2	.2									4.9	5.4	5.0
200-220	1.7	8.4	.6	.3								11.1	6.7	6.0
230-250	1.3	5.3	2.2	.1								8.8	7.8	7.0
(W) 260-280	.9	2.2	.5									3.5	6.4	6.0
290-310	1.5	2.2	.1									3.8	5.6	5.0
320-340	5.1	5.2	.3									10.5	5.2	5.0
VARIABLE														
CALM	////////////////////											5.7	////////	
TOTALS	36.6	52.3	5.1	.4								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.1	10.4	.9									24.4	4.9	4.0
020-040	11.1	6.9	.1									18.1	4.3	4.0
050-070	3.5	3.4										7.0	4.5	4.0
(E) 080-100	1.4	1.2										2.6	4.5	4.0
110-130	1.7	.9										2.6	4.4	4.0
140-160	1.4	.8										2.2	4.3	4.0
(S) 170-190	1.3	3.0	.1									4.4	5.3	5.0
200-220	1.8	8.0	1.1	.3								11.2	6.8	6.0
230-250	1.8	4.7	1.4	.2								8.2	7.1	6.0
(W) 260-280	1.2	1.1	.1	.1								2.5	5.4	5.0
290-310	1.1	.9	.1									2.0	4.7	4.0
320-340	3.2	3.2	.1									6.6	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											8.4	////////////////////////////////	
TOTALS	42.6	44.5	3.9	.6								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	7.1	8.0	.3									15.4	5.0	5.0
020-040	8.8	4.4	.3									13.5	4.4	4.0
050-070	8.2	4.8	.4	.1								13.5	4.6	4.0
(E) 080-100	4.9	4.0										8.9	4.3	4.0
110-130	4.0	.8										4.7	3.7	3.5
140-160	1.5	1.1										2.6	4.5	4.0
(S) 170-190	1.9	3.2	.1									5.3	5.6	5.0
200-220	1.3	7.6	1.5	.2								10.6	7.3	7.0
230-250	1.0	3.4	1.7	.2								6.3	8.0	8.0
(W) 260-280	.6	1.3	.1									2.0	5.8	6.0
290-310	1.0	.8	.2									1.9	5.3	4.5
320-340	1.7	2.3	.1									4.1	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											11.0	////////////////////////////////	
TOTALS	42.0	41.7	4.7	.5								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	2.8	.2									5.4	5.2	5.0
020-040	3.9	3.4	.5									7.8	5.0	5.0
050-070	9.2	5.3	1.7	.2								16.5	5.3	4.0
(E) 080-100	6.2	3.8	.4									10.4	4.9	4.0
110-130	4.0	2.7	.1	.1								6.9	4.8	4.0
140-160	3.4	1.1										4.5	4.1	4.0
(S) 170-190	4.5	4.6	.3									9.5	5.1	5.0
200-220	2.5	6.2	3.2	.4								12.4	7.7	7.0
230-250	.9	3.4	4.0	.5								8.8	9.3	10.0
(W) 260-280	.4	1.9	.6									3.0	7.6	8.0
290-310	.4	.5										1.0	5.3	5.0
320-340	.9	1.8										2.7	5.5	5.0
VARIABLE														
CALM	////////////////////////////////////											11.2	////////////////////////////////	
TOTALS	38.7	37.5	11.0	1.2								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.8										3.3	5.8	6.0
020-040	1.9	2.3	.6									4.8	6.0	6.0
050-070	4.1	4.5	1.4									10.0	5.9	5.0
(E) 080-100	3.5	4.4	1.2	.1								9.2	6.3	6.0
110-130	4.4	4.0	.8									9.1	5.3	5.0
140-160	4.5	2.9	.1									7.5	4.6	4.0
(S) 170-190	3.2	5.2	.3									8.7	5.3	5.0
200-220	1.9	6.8	5.2	.8								14.6	8.6	8.5
230-250	1.1	5.1	5.3	.3								11.7	9.0	9.0
(W) 260-280	1.5	4.0	2.6	.1								8.2	7.8	8.0
290-310	1.3	1.4	.2									2.9	5.7	5.0
320-340	1.0	1.5	.1									2.6	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											7.2	////////////////////////////////	
TOTALS	28.9	44.9	17.8	1.3								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.5	.6									3.0	6.2	5.5
020-040	1.9	1.9	.5	.1								4.5	5.7	5.0
050-070	1.8	3.5	1.2	.2								6.8	6.8	5.0
(E) 080-100	2.6	4.4	.8									7.7	6.1	5.0
110-130	1.9	4.1	.2									6.2	6.1	6.0
140-160	1.4	2.2										3.5	5.2	5.0
(S) 170-190	3.5	4.9	.9	.2								9.6	5.9	5.0
200-220	1.4	7.3	3.1	.5								12.4	8.1	7.0
230-250	1.1	9.8	6.3	1.2	.1							18.5	9.3	9.0
(W) 260-280	1.4	6.7	2.8	.6	.1							11.6	8.3	8.0
290-310	1.0	4.5	.8									6.2	6.6	6.0
320-340	1.1	2.7	.2									4.0	5.9	6.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////	
TOTALS	20.0	53.5	17.4	2.8	.2							100.0	6.8	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	5.7	.1									8.1	5.5	5.0
020-040	1.0	2.5	.6	.1	.1							4.3	7.3	6.0
050-070	1.5	3.8	1.3									6.6	6.7	6.0
(E) 080-100	1.3	2.5	.2									4.0	5.7	5.0
110-130	2.0	2.7	.1									4.8	5.0	5.0
140-160	.9	1.8	.1									2.8	5.2	5.0
(S) 170-190	1.4	3.5	.2									5.2	5.9	5.5
200-220	1.6	8.4	2.4	.5								12.9	7.8	7.0
230-250	1.8	10.6	4.9	.9								18.3	8.3	8.0
(W) 260-280	1.8	10.1	1.5									13.4	6.8	7.0
290-310	2.5	5.4	.8									8.6	5.7	5.0
320-340	1.6	4.5	.6	.2								7.0	6.1	5.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	19.7	61.5	12.8	1.7	.1							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.2	12.0	.2									21.3	5.1	5.0
020-040	4.0	4.8	.3									9.2	5.2	5.0
050-070	2.0	1.9	.2									4.2	5.2	5.0
(E) 080-100	1.3	1.5										2.8	5.0	5.0
110-130	.8	.5										1.3	4.8	4.0
140-160	1.1	1.4										2.5	5.1	5.0
(S) 170-190	2.2	3.3	.4									5.9	5.4	5.0
200-220	1.9	7.3	1.3	.5								11.1	7.3	7.0
230-250	1.6	7.8	2.0	.5								12.0	7.5	7.0
(W) 260-280	1.6	4.5	.4	.3								6.9	6.5	6.0
290-310	2.5	4.0										6.5	5.1	5.0
320-340	4.2	7.3	.1									11.6	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	32.4	56.3	4.9	1.3								100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: ALL

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												% WIND WIND
(N) 350-010	5.6	7.2	.4									13.2 5.2 5.0
020-040	5.2	4.1	.4	.0	.0							9.7 4.9 4.0
050-070	4.3	3.7	.8	.1								8.8 5.3 5.0
(E) 080-100	2.8	2.9	.3	.0								6.0 5.3 5.0
110-130	2.5	2.0	.2	.0								4.7 5.0 4.0
140-160	1.9	1.5	.0									3.4 4.7 4.0
(S) 170-190	2.4	3.9	.3	.0								6.7 5.5 5.0
200-220	1.8	7.5	2.3	.5								12.0 7.6 7.0
230-250	1.3	6.3	3.5	.5	.0							11.6 8.4 8.0
(W) 260-280	1.2	4.0	1.1	.1	.0							6.4 7.2 7.0
290-310	1.4	2.4	.3									4.1 5.7 5.0
320-340	2.3	3.6	.2	.0								6.1 5.4 5.0
VARIABLE												
CALM	////////////////////////////////////											7.3 //////////////////////////////////
TOTALS	32.7	49.1	9.8	1.2								100.0 5.6 5.0

TOTAL NUMBER OF OBSERVATIONS 7438



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	2.7										4.9	4.7	5.0
020-040	3.4											3.4	3.6	4.0
050-070	2.7	1.7										4.4	4.4	4.0
(E) 080-100	4.4	3.0										7.4	4.3	4.0
110-130	3.9	2.2										6.2	4.2	4.0
140-160	4.2	3.4										7.6	4.7	4.0
(S) 170-190	2.0	0.2	1.2									9.4	6.6	6.0
200-220	5	16.5	7.9	2.7								27.6	9.0	8.0
230-250	1.0	6.4	8.6	1.2								17.2	9.7	10.0
(W) 260-280	.7	2.0	.5									3.2	6.5	6.0
290-310	.5	.5										1.0	4.3	4.0
320-340	1.2	1.5										2.7	4.9	5.0
VARIABLE														
CALM	////////////////////											4.9	////////	
TOTALS	26.7	46.1	18.2	3.9								100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 406

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.7	13.9	1.6									26.1	5.5	5.0
020-040	10.2	5.7	.2									16.1	4.4	4.0
050-070	3.3	4.6	.8	.1								8.8	5.7	5.0
(E) 080-100	2.0	1.3	.1									3.4	4.6	4.0
110-130	1.3	.3										1.7	4.0	4.0
140-160	.8	.6										1.3	4.5	4.0
(S) 170-190	.9	1.8	.2									2.9	5.9	6.0
200-220	1.0	5.4	1.0	.1								7.6	7.0	7.0
230-250	1.2	3.4	2.2	.6	.1							7.6	8.5	8.0
(W) 260-280	2.3	2.2	.7	.1								5.3	5.8	5.0
290-310	1.2	1.6	.1									2.9	5.3	5.0
320-340	3.0	4.9	.3									8.2	5.6	5.0
VARIABLE														
CALM	////////////////////////////////////											8.1	////////////////////////////////	
TOTALS	37.9	45.7	7.2	.9	.1							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.7	11.6	1.3									22.6	5.4	5.0
020-040	9.6	5.0	.6									15.1	4.5	4.0
050-070	4.8	3.4	.6	.1								8.9	5.0	4.0
(E) 080-100	2.0	1.6										3.6	4.5	4.0
110-130	1.6	.7	.1									2.3	4.2	3.0
140-160	1.0	.9										1.9	4.2	4.0
(S) 170-190	1.9	2.9	.1									4.9	5.0	5.0
200-220	.9	5.2	.7	.2								7.0	6.9	6.0
230-250	1.1	3.1	1.4	.4								6.1	8.3	8.0
(W) 260-280	1.9	1.6	.6	.1								4.1	6.0	5.0
290-310	1.2	1.8										3.0	5.1	5.0
320-340	3.4	3.4	.2									7.1	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											13.4	////////	
TOTALS	39.1	41.2	5.6	.8								100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.2	11.9	.6									21.7	5.3	5.0
020-040	7.9	7.7	.2									15.8	4.8	4.5
050-070	4.9	4.6	.6									10.0	4.9	5.0
(E) 080-100	3.2	2.7	.1									6.0	4.6	4.0
110-130	3.3	1.2										4.6	3.9	4.0
140-160	1.8	.4										2.2	3.8	3.5
(S) 170-190	1.6	2.1										3.7	5.0	5.0
200-220	1.2	3.7	.7		.1							5.7	7.2	7.0
230-250	.8	2.6	2.3	.2								5.9	8.5	8.0
(W) 260-280	1.4	1.8		.1	.1							3.4	6.1	5.0
290-310	1.4	1.3										2.8	4.4	4.0
320-340	2.8	2.4	.1									5.3	4.8	4.0
VARIABLE														
CALM	////////////////////////////////////											13.0	////////	
TOTALS	39.5	42.4	4.6	.3	.2							100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	5.8	.9									12.6	5.3	5.0
020-040	5.6	5.9	.6									12.0	5.0	5.0
050-070	9.8	7.0	2.0	.2								19.0	5.5	4.0
(E) 080-100	3.4	3.7	1.4									8.6	5.9	5.0
110-130	3.1	.9										4.0	3.8	3.0
140-160	2.3	.8										3.1	3.9	4.0
(S) 170-190	2.0	1.9										3.9	4.6	4.0
200-220	1.9	4.6	1.4	.1								8.0	7.1	7.0
230-250	1.6	2.1	2.4	.8	.2							7.1	9.4	9.0
(W) 260-280	1.1	1.8	.3									3.2	6.5	6.0
290-310	.9	1.1										2.0	4.8	5.0
320-340	1.4	2.3	.2									4.0	5.6	6.0
VARIABLE														
CALM	////////////////////////////////////											12.6	////////////////////////////////	
TOTALS	39.0	37.9	9.2	1.1	.2							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.4	.4									5.6	5.4	5.0
020-040	2.9	3.8	.1									6.8	5.3	5.0
050-070	4.2	9.2	2.8	.4	.1							16.8	6.8	6.0
(E) 080-100	2.8	6.8	2.8	.4	.1							12.9	7.4	6.5
110-130	2.9	2.7	.1	.1								5.8	5.2	4.5
140-160	3.0	1.0										4.0	3.9	3.5
(S) 170-190	3.1	3.1										6.2	4.6	4.5
200-220	2.1	6.2	2.0	.3								10.7	7.2	7.0
230-250	2.0	3.8	3.1	1.0	.3							10.2	9.2	9.0
(W) 260-280	1.3	1.8	1.4	.3								4.9	7.7	7.0
290-310	1.4	.9	.3									2.7	5.6	4.0
320-340	1.7	1.7	.6									3.9	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											9.5	////////////////////////////////	
TOTALS	30.1	43.4	13.6	2.5	.5							100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	3.1	.6									5.8	5.8	5.0
020-040	3.1	3.1	1.1		.1							7.5	6.0	5.0
050-070	3.0	6.9	2.3	.3								12.6	7.1	6.0
(E) 080-100	1.7	6.3	2.8									10.8	7.3	7.0
110-130	1.0	2.9	.8									4.7	6.5	6.0
140-160	1.1	.8	.1									2.0	5.1	4.0
(S) 170-190	3.1	4.1	.1									7.3	5.1	5.0
200-220	1.8	7.2	1.4	.2								10.7	6.9	6.0
230-250	1.3	6.3	3.3	1.1	.4							12.6	9.2	8.0
(W) 260-280	1.3	4.2	2.0	.6								8.1	8.3	8.0
290-310	.7	3.7	.2									4.6	6.6	7.0
320-340	1.6	2.7	.9									5.1	6.7	6.0
VARIABLE														
CALM	////////////////////											8.3	////////	
TOTALS	21.8	51.3	15.6	2.2	.5							100.0	6.5	6.0
TOTAL NUMBER OF OBSERVATIONS 899														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 18-20

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		5.1	7.9	.7									13.7	5.4	5.0
020-040		3.0	3.9	1.7	.2								8.8	6.5	5.0
050-070		2.3	5.4	1.4	.1								9.3	6.7	6.0
(E) 080-100		1.0	3.2	.3									4.6	6.0	6.0
110-130		1.3	1.6	.4									3.3	5.7	5.0
140-160		.8	.7										1.4	4.2	4.0
(S) 170-190		2.1	3.0	.2									5.3	5.4	5.0
200-220		1.8	4.9	1.3	.3								8.3	7.2	7.0
230-250		1.1	7.0	2.7	.7	.1							11.6	8.2	7.0
(W) 260-280		2.6	6.0	1.0	.3								9.9	6.7	6.0
290-310		2.7	2.1	.2									5.0	5.0	4.0
320-340		3.8	7.1	1.0	.1								12.0	6.0	5.5
VARIABLE															
CALM		////////////////////////////////////											6.8	////////////////////////////////	
TOTALS		27.6	52.8	10.9	1.7	.1							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.7	17.1	1.9									30.7	5.6	5.0
020-040	6.4	4.3	1.0									11.8	5.1	4.0
050-070	2.2	3.2	.9									6.3	6.1	5.0
(E) 080-100	1.8	1.3	.1									3.2	5.0	4.0
110-130	1.0	.2	.2									1.4	4.6	4.0
140-160	.9	.6										1.4	4.5	4.0
(S) 170-190	1.2	1.9										3.1	5.4	5.0
200-220	.8	5.7	1.3	.3								8.1	7.6	7.0
230-250	1.2	5.0	1.0	.7	.1							8.0	8.2	8.0
(W) 260-280	1.9	4.2	.1	.1								6.3	5.9	6.0
290-310	1.4	1.6										3.0	4.7	5.0
320-340	3.4	7.4	1.0									11.9	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	33.9	52.5	7.5	1.1	.1							100.0	5.7	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		7.1	9.2	1.0									17.3	5.5	5.0
020-040		6.1	4.9	.7	.0	.0							11.7	5.0	4.0
050-070		4.3	5.5	1.4	.2	.0							11.5	6.0	5.0
(E) 080-100		2.2	3.4	1.0	.1	.0							6.6	6.2	5.0
110-130		1.9	1.3	.2	.0								3.5	4.9	4.0
140-160		1.5	.7	.0									2.2	4.2	4.0
(S) 170-190		2.0	2.6	.1									4.7	5.0	5.0
200-220		1.4	5.4	1.2	.2	.0							8.3	7.1	7.0
230-250		1.3	4.2	2.3	.7	.2							8.6	8.7	8.0
(W) 260-280		1.7	2.9	.8	.2	.0							5.7	6.7	6.0
290-310		1.4	1.8	.1									3.2	5.3	5.0
320-340		2.6	4.0	.5	.0								7.2	5.7	5.0
VARIABLE															
CALM		////////////////////////////////////										9.5	////////////////////////////////		
TOTALS		33.5	45.9	9.3	1.4	.2							100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 7197

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.6	5.9	.8									11.3	5.3	5.0
020-040	3.9	2.6										6.4	4.3	4.0
050-070	5.7	4.6										10.3	4.3	4.0
(E) 080-100	3.3	2.6										5.9	4.2	4.0
110-130	3.9	2.1										5.9	4.3	4.0
140-160	2.3	1.0										3.3	4.1	4.0
(S) 170-190	1.3	5.4										6.7	5.5	5.0
200-220	.8	12.6	3.3	1.0								17.7	8.2	7.0
230-250	2.3	8.5	4.4	1.3								16.5	8.5	8.0
(W) 260-280	1.8	2.6	.5									4.9	5.7	5.0
290-310	.8	1.0										1.8	5.4	5.0
320-340	2.1	1.0	.5									3.6	5.4	4.0
VARIABLE														
CALM	////////////////////											5.7	////	////
TOTALS	32.8	49.9	9.5	2.3								100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 389

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	7.7	15.7	3.5									26.9	6.2	6.0
020-040	8.6	6.7	.5									15.9	4.9	4.0
050-070	4.6	5.0	.1									9.7	4.8	5.0
(E) 080-100	1.5	.9										2.4	4.1	4.0
110-130	1.4	.4										1.8	3.9	4.0
140-160	.5	.4										1.0	4.3	4.0
(S) 170-190	2.2	2.0	.2									4.4	5.2	5.0
200-220	1.4	6.5	.5									8.4	6.4	6.0
230-250	1.1	1.9	.9	.1								4.0	7.1	6.0
(W) 260-280	.5	.3	.5	.1								1.5	7.9	6.0
290-310	.6	1.0	.1									1.7	5.7	6.0
320-340	2.8	5.5	.8									9.1	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////										13.3	////////////////////////////////		
TOTALS	32.9	46.3	7.1	.2								100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	8.3	16.8	2.2									27.3	6.0	6.0
020-040	8.3	5.4	.6									14.3	4.8	4.0
050-070	4.7	4.0										8.7	4.7	4.0
(E) 080-100	2.0	.8										2.8	3.8	4.0
110-130	.6	.3										1.0	4.4	4.0
140-160	1.4	.4										1.8	3.9	4.0
(S) 170-190	1.5	2.5	.2									4.2	5.3	5.0
200-220	2.0	4.7	.6									7.4	5.9	6.0
230-250	1.5	2.0	1.0	.1								4.6	7.2	7.0
(W) 260-280	.3	.3	.2	.1								1.0	7.3	5.0
290-310	.9	.8										1.6	4.9	4.0
320-340	2.2	5.2	.6									8.0	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											17.2	////////////////////////////////	
TOTALS	33.7	43.2	5.4	.2								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	16.2	2.2									26.4	5.8	6.0
020-040	8.2	5.9	.4	.2								14.8	4.8	4.0
050-070	4.3	4.7										9.1	4.8	5.0
(E) 080-100	2.4	.4										2.8	3.6	3.0
110-130	1.1	.2										1.3	3.6	3.0
140-160	1.1	.3										1.4	4.0	4.0
(S) 170-190	2.4	2.4										4.7	4.7	4.5
200-220	2.6	5.4	.4	.1								8.5	6.0	6.0
230-250	1.1	1.4	.8	.1	.1							3.4	7.4	6.5
(W) 260-280	.3	.5	.2	.1								1.2	7.5	6.0
290-310	.8	.9	.2									1.8	5.5	5.0
320-340	2.5	4.2	.5									7.2	5.8	5.0
VARIABLE														
CALM	////////////////////////////////////											17.3	////////////////////////////////	
TOTALS	34.9	42.5	4.7	.5	.1							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	7.5	14.1	1.7									23.4	5.7	5.0
020-040	8.6	6.8	1.0	.1								16.5	5.0	4.0
050-070	5.5	6.5	.1									12.1	5.0	5.0
(E) 080-100	3.0	1.1										4.1	4.1	4.0
110-130	.9	.4										1.3	4.5	4.0
140-160	1.4	.3										1.7	3.9	3.5
(S) 170-190	2.4	2.5										4.8	5.0	5.0
200-220	3.0	3.1	.4									6.6	5.6	5.0
230-250	1.0	2.6	.9	.2								4.6	7.1	6.0
(W) 260-280	.1	.9		.1								1.1	7.8	7.0
290-310	.6	.1										.8	3.6	3.0
320-340	2.2	3.7										5.8	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											17.2	////////////////////////////////	
TOTALS	36.2	42.1	4.1	.4								100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	10.1	1.3	.1								15.3	6.2	6.0
020-040	7.5	4.6	.6									12.8	4.8	4.0
050-070	4.1	8.5	1.3									13.9	6.0	5.0
(E) 080-100	3.6	2.9	.9									7.3	5.5	5.0
110-130	1.4	.6										2.0	4.2	4.0
140-160	1.6	.6										2.3	3.9	4.0
(S) 170-190	3.2	3.0										6.2	4.6	4.0
200-220	3.3	4.3	.8	.1								8.5	5.9	5.0
230-250	1.2	3.4	1.7	.1								6.5	7.9	8.0
(W) 260-280	.2	.5	.3									1.1	7.1	6.5
290-310	.2	.2										.4	5.3	4.5
320-340	1.2	3.7	.1									5.0	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											18.7	////////////////////////////////	
TOTALS	31.3	42.4	7.0	.3								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 929



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	7.1	1.7									13.0	6.2	5.0
020-040	3.9	6.1	.9	.2								11.1	5.9	5.0
050-070	3.0	7.4	.8									11.2	6.0	6.0
(E) 080-100	3.0	2.4	.5									5.9	5.2	4.0
110-130	1.7	1.2										2.9	4.5	4.0
140-160	1.5	.9										2.4	4.0	4.0
(S) 170-190	3.0	3.3	.1									6.5	4.8	5.0
200-220	3.7	8.7	.8									13.1	5.9	5.0
230-250	1.1	4.5	2.0	.2								7.8	7.9	7.0
(W) 260-280	.8	1.0	.4									2.2	6.7	5.0
290-310	1.0	1.3										2.3	5.0	5.0
320-340	1.6	4.4	.6									6.7	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											15.1	////////	
TOTALS	28.5	48.3	7.8	.4								100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 91 - DEC 90  
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	17.2	2.8	.1								26.3	6.3	6.0
020-040	6.5	5.9	.6	.1								13.1	5.1	5.0
050-070	2.3	4.3	.6									7.2	5.9	5.0
(E) 080-100	1.8	.8										2.6	4.2	4.0
110-130	1.0	.2										1.2	4.0	4.0
140-160	2.2	.3										2.5	3.9	4.0
(S) 170-190	2.8	2.6										5.4	4.6	4.0
200-220	3.0	6.1	.6									9.8	6.0	6.0
230-250	.9	5.1	1.0	.2	.1							7.2	7.3	7.0
(W) 260-280	1.3	.3	.2	.1								1.9	5.6	4.0
290-310	1.2	1.5										2.7	4.6	5.0
320-340	2.6	5.9	.9									9.4	6.2	6.0
VARIABLE														
CALM	////////////////////////////////////											10.8	////////	
TOTALS	31.8	50.2	6.7	.5	.1							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.6	17.4	3.4									29.5	6.2	6.0
020-040	7.3	7.4	.8	.1								15.6	5.1	5.0
050-070	2.9	5.1	.5									8.5	5.3	5.0
(E) 080-100	1.3	1.1										2.4	4.3	4.0
110-130	1.3	.6										1.9	4.3	4.0
140-160	1.3	.4										1.7	3.8	3.0
(S) 170-190	3.0	1.9										4.9	4.5	4.0
200-220	2.3	5.5	.6									8.4	6.2	6.0
230-250	1.1	1.8	.9	.1								3.9	7.3	7.0
(W) 260-280	.6	.9	.3	.2								2.0	6.8	5.0
290-310	.9	.3										1.2	4.1	4.0
320-340	2.3	6.7	.9									9.8	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	32.9	49.1	7.4	.4								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	14.3	2.3	.0								23.5	6.1	6.0
020-040	7.4	6.1	.7	.1								14.3	5.0	4.0
050-070	3.9	5.7	.4									10.0	5.4	5.0
(E) 080-100	2.3	1.3	.2									3.8	4.6	4.0
110-130	1.2	.5										1.7	4.2	4.0
140-160	1.4	.5										1.8	3.9	4.0
(S) 170-190	2.6	2.5	.1									5.2	4.8	5.0
200-220	2.7	5.5	.6	.0								8.8	6.0	6.0
230-250	1.1	2.9	1.1	.1	.0							5.3	7.5	7.0
(W) 260-280	.5	.6	.3	.1								1.5	7.0	5.0
290-310	.8	.8	.0									1.6	4.9	5.0
320-340	2.2	4.9	.6									7.6	6.1	6.0
VARIABLE														
CALM	////////////////////////////////////											15.0	////////////////////////////////	
TOTALS	32.9	45.6	6.3	.3								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 7430

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	4.2	.5									10.4	5.0	4.0
020-040	3.6	1.5										5.1	4.0	4.0
050-070	4.3	3.0										7.4	4.4	4.0
(E) 080-100	4.4	1.9	.1									6.4	4.2	4.0
110-130	2.7	1.1										3.7	4.0	4.0
140-160	3.9	.8										4.7	3.8	4.0
(S) 170-190	5.1	5.4										10.5	4.9	5.0
200-220	4.8	14.5	1.9	.1								21.3	6.3	6.0
230-250	1.5	4.9	2.0	.4	.1							8.9	8.2	8.0
(W) 260-280	.5	.6	.2									1.3	5.9	5.0
290-310	.6	.2										.8	4.0	4.0
320-340	1.4	1.3										2.7	5.0	4.0
VARIABLE														
CALM	////////////////////											16.8	////////	
TOTALS	38.5	39.4	4.7	.5	.1							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 856

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.5	13.0	1.2									22.7	5.5	5.0
020-040	10.7	4.4										15.1	4.1	4.0
050-070	4.6	2.8										7.3	4.4	4.0
(E) 080-100	1.3	.3										1.7	4.1	4.0
110-130	.6	.2										.8	3.7	3.0
140-160	.9	.2										1.1	3.5	3.0
(S) 170-190	2.2	1.0										3.2	4.1	4.0
200-220	2.3	2.1	.2		.1							4.8	5.6	5.0
230-250	.7	.3	.2	.1	.2							1.6	8.6	5.0
(W) 260-280	.2	.1										.3	4.0	4.0
290-310	.9	.7										1.6	5.1	4.0
320-340	2.2	1.9	.1									4.2	5.2	4.0
VARIABLE														
CALM	////////////////////////////////////											35.6	////////////////////////////////	
TOTALS	35.1	27.0	1.7	.1	.3							100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 899														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	8.3	9.1	1.3									18.8	5.5	5.0
020-040	12.7	5.9	.1									18.7	4.2	4.0
050-070	4.4	2.0	.1									6.6	4.2	4.0
(E) 080-100	1.8	.8	.1									2.7	4.5	4.0
110-130	.9	.3		.1								1.3	4.8	3.0
140-160	1.2	.1										1.3	3.3	3.0
(S) 170-190	2.3	.4	.1									2.9	4.0	3.0
200-220	1.9	2.9	.6									5.3	5.6	5.0
230-250	1.0	.4	.3	.1	.1							2.0	7.1	5.5
(W) 260-280	.6	.3		.1								1.0	5.7	4.0
290-310	.9	.4	.1									1.4	5.5	4.0
320-340	2.3	2.7	.1									5.1	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											32.9	////////////////////////////////	
TOTALS	38.3	25.3	2.8	.3	.1							100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 06-08

		WIND SPEED: IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		7.1	10.7	.8									18.6	5.5	5.0
020-040		9.7	5.4	.4	.3								15.9	4.6	4.0
050-070		6.8	3.3										10.1	4.2	4.0
(E) 080-100		1.9	.8										2.7	3.8	3.5
110-130		1.2											1.2	3.4	3.0
140-160		1.1											1.1	3.4	3.0
(S) 170-190		1.6	.3	.1									2.0	4.3	3.5
200-220		1.4	1.6	.1									3.1	5.2	5.0
230-250		1.2	.8	.2	.1								2.3	5.4	4.0
(W) 260-280		.7	.8	.2	.1								1.8	6.3	5.0
290-310		1.0	.2										1.2	3.9	3.0
320-340		2.9	1.7	.2									4.8	4.9	4.0
VARIABLE															
CALM		////////////////////////////////////											35.2	////////////////////////////////	
TOTALS		36.6	25.6	2.0	.5								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 900



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.2	10.9	1.2									19.3	5.5	5.0
020-040	10.0	5.3	.2									15.6	4.5	4.0
050-070	5.7	1.9	.1									7.7	4.2	4.0
(E) 080-100	1.8	.3										2.1	3.9	4.0
110-130	1.2	.2										1.4	3.9	4.0
140-160	.4	.1										.6	3.6	3.
(S) 170-190	2.0	1.2										3.2	4.4	4.0
200-220	2.1	3.0	.4									5.6	5.7	5.0
230-250	.6	1.1	.1									1.8	5.4	5.5
(W) 260-280	.9	.4										1.3	4.4	4.0
290-310	.7											.7	3.2	3.0
320-340	2.0	2.2	.2									4.4	5.1	5.0
VARIABLE														
CALM	////////////////////////////////////											36.3	////////////////////////////////	
TOTALS	34.6	26.6	2.2									100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.7	9.6	1.0									17.3	5.5	5.0
020-040	6.7	5.3	.9									12.9	5.1	4.0
050-070	4.3	2.7	.2									7.2	4.4	4.0
(E) 080-100	1.9	.8										2.7	3.9	4.0
110-130	1.4	.2										1.7	3.5	3.0
140-160	.7	.1										.8	3.3	3.0
(S) 170-190	3.5	2.4	.1									6.0	4.5	4.0
200-220	2.8	2.8	.2	.1								5.9	5.3	5.0
230-250	1.6	1.1	.2	.2								3.1	5.9	4.5
(W) 260-280	.8	.1										.9	3.8	3.0
290-310	.8	.1										.9	3.8	3.5
320-340	1.1	1.9	.2									3.2	5.6	6.0
VARIABLE														
CALM	////////////////////////////////////											37.4	////////////////////////////////	
TOTALS	32.3	27.1	2.8	.3								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.5	10.0	.6									18.0	5.2	5.0
020-040	7.1	6.2	.8									14.1	4.9	4.0
050-070	3.6	2.1										5.7	4.4	4.0
(E) 080-100	.4	.1										.6	3.6	3.0
110-130	1.1											1.1	3.5	3.5
140-160	1.9	.2										2.1	3.5	3.0
(S) 170-190	4.6	1.7										6.2	4.2	4.0
200-220	2.8	2.7	.1									5.6	4.8	4.5
230-250	2.0	.8	.6	.1								3.4	6.1	4.0
(W) 260-280	1.1	.4										1.6	4.1	4.0
290-310	.6											.6	3.0	3.0
320-340	2.2	2.9	.4									5.6	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											35.5	////////	
TOTALS	34.9	27.1	2.5	.1								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.4	13.1	.6									23.1	5.3	5.0
020-040	9.8	5.6										15.4	4.3	4.0
050-070	4.1	2.1										6.2	4.4	4.0
(E) 080-100	1.6	.6	.1									2.2	4.4	4.0
110-130	1.0	.1										1.1	3.6	3.0
140-160	1.2	.3										1.6	3.9	4.0
(S) 170-190	3.3	.8										4.1	3.7	4.0
200-220	2.8	2.2	.2	.1								5.3	5.2	4.0
230-250	1.0	1.1	.2									2.3	5.5	5.0
(W) 260-280	1.0	.2										1.2	3.8	4.0
290-310	.9	.3										1.2	4.3	4.0
320-340	3.0	3.2	.1									6.3	5.1	5.0
VARIABLE														
CALM	////////////////////											29.8	////////	
TOTALS	39.1	29.6	1.2	.1								100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	14.4	.7	.1								23.3	5.5	5.0
020-040	10.8	5.2	.2									16.3	4.3	4.0
050-070	4.3	2.2										6.6	4.2	4.0
(E) 080-100	1.9	.1										2.0	3.6	3.5
110-130	.9	.2										1.1	3.9	3.0
140-160	1.2	.2										1.4	3.5	3.0
(S) 170-190	1.7	1.0										2.7	4.1	4.0
200-220	2.6	2.0	.4	.1	.1							5.2	6.1	5.0
230-250	.8	.6		.1								1.4	5.2	4.0
(W) 260-280	.1	.2	.1									.4	7.3	7.0
290-310	.7	.2										.9	4.8	4.0
320-340	3.0	3.3										6.3	4.9	5.0
VARIABLE														
CALM	////////////////////////////////////											32.3	////////////////////////////////	
TOTALS	36.1	29.6	1.4	.3	.1							100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.8	11.3	.9	.0								20.1	5.4	5.0
020-040	9.7	5.4	.3	.0								15.5	4.5	4.0
050-070	4.7	2.4	.1									7.2	4.3	4.0
(E) 080-100	1.6	.5	.0									2.1	4.0	4.0
110-130	1.0	.2		.0								1.2	3.8	3.0
140-160	1.1	.2										1.3	3.5	3.0
(S) 170-190	2.6	1.1	.0									3.8	4.2	4.0
200-220	2.3	2.4	.3	.0	.0							5.1	5.4	5.0
230-250	1.1	.8	.2	.1	.0							2.3	6.1	5.0
(W) 260-280	.7	.3	.0	.0								1.1	4.9	4.0
290-310	.8	.3	.0									1.1	4.4	4.0
320-340	2.3	2.5	.2									5.0	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											34.4	////////////////////////////////	
TOTALS	35.7	27.4	2.0	.1								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 7192

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	8.3	1.0									15.8	5.4	5.0
020-040	6.8	1.8	.4	.3								9.3	4.5	4.0
050-070	4.9	1.9										6.8	3.8	4.0
(E) 080-100	2.5	.5										3.0	3.9	4.0
110-130	1.2	.4										1.6	3.8	3.0
140-160	2.2	.1										2.3	3.4	3.0
(S) 170-190	4.5	1.8	.1									6.4	4.2	4.0
200-220	3.0	5.6	1.5	.1	.1							10.4	6.8	6.0
230-250	1.5	1.6	1.5	.3	.1							5.0	7.9	6.0
(W) 260-280	.8	.1										1.0	4.1	3.0
290-310	.4	.3										.7	4.0	4.0
320-340	2.3	2.3										4.6	4.9	4.5
VARIABLE														
CALM	////////////////////////////////////											33.1	////////////////////////////////	
TOTALS	36.6	24.7	4.5	.7	.2							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 734

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.4	7.9	1.7	.1								18.1	5.6	5.0
020-040	10.4	4.2	.3									15.0	4.3	4.0
050-070	6.4	3.0										9.4	4.3	4.0
(E) 080-100	1.8	.2	.1									2.2	3.9	3.0
110-130	1.1	.1										1.2	3.5	3.0
140-160	1.3	.2										1.5	3.4	3.0
(S) 170-190	1.6	1.5										3.1	4.8	4.0
200-220	2.4	1.2	.1									3.7	4.6	4.0
230-250	1.0	.3	.3									1.6	5.9	4.0
(W) 260-280	.6	.4	.2	.1								1.4	6.7	5.0
290-310	.6		.2									.9	6.0	4.0
320-340	2.3	1.6	.2	.1								4.2	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											37.9	////////	
TOTALS	37.9	20.6	3.1	.3								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 929



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.7	6.2	1.0									16.9	4.9	4.0
020-040	11.1	4.2	.5									15.8	4.4	4.0
050-070	6.0	1.8										7.8	4.0	3.0
(E) 080-100	2.3	.2										2.5	3.7	3.0
110-130	.9	.1										1.0	3.3	3.0
140-160	1.2	.1										1.3	3.5	3.0
(S) 170-190	1.9	1.5										3.4	4.4	4.0
200-220	2.2	1.9	.4									4.5	5.5	5.0
230-250	1.4	1.1	.3									2.8	5.7	4.5
(W) 260-280	1.0	.3										1.3	4.0	3.5
290-310	.8	.2										1.0	3.8	3.0
320-340	2.2	1.5	.1									3.8	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											38.0	////////////////////////////////	
TOTALS	40.7	19.1	2.3									100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.0	5.9	1.1									16.0	5.0	4.0
020-040	11.5	4.7	.1	.2								16.6	4.4	4.0
050-070	5.2	1.4	.1									6.7	4.0	3.0
(E) 080-100	1.3	.5	.2									2.0	4.9	4.0
110-130	1.2	.1										1.3	3.4	3.0
140-160	.6											.6	3.2	3.0
(S) 170-190	2.0	1.8	.1									4.0	4.8	4.0
200-220	2.5	1.1	.3									3.9	4.8	4.0
230-250	1.6	.6	.2									2.5	5.0	4.0
(W) 260-280	.5	.4	.3									1.3	5.9	5.5
290-310	1.0	.3										1.3	4.3	4.0
320-340	2.2	1.1	.4									3.7	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											40.2	////////////////////////////////	
TOTALS	38.6	17.9	2.8	.2								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.3	6.4	1.0									16.6	4.9	4.0
020-040	10.0	3.6	.5									14.1	4.4	4.0
050-070	4.2	2.2	.1									6.5	4.3	4.0
(E) 080-100	2.0											2.0	3.3	3.0
110-130	1.0											1.0	3.2	3.0
140-160	1.7	.1										1.8	3.3	3.0
(S) 170-190	2.8	2.6	.1									5.5	4.9	4.0
200-220	2.0	1.9	.4									4.4	5.4	5.0
230-250	1.2	1.0		.1								2.3	5.7	4.0
(W) 260-280	.8	.3	.1									1.2	4.8	4.0
290-310	.8	.3	.1									1.2	4.5	3.0
320-340	2.3	1.6										3.9	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											39.5	////////////////////////////////	
TOTALS	38.1	20.0	2.3	.1								100.0	2.8	4.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.3	5.5	.4	.2								15.4	4.8	4.0
020-040	9.4	3.6	.8									13.7	4.4	4.0
050-070	5.0	2.2										7.1	4.0	4.0
(E) 080-100	1.8											1.8	3.3	3.0
110-130	1.4	.2										1.6	3.9	3.0
140-160	.6	.2										.9	4.1	4.0
(S) 170-190	2.2	1.9										4.1	4.5	4.0
200-220	2.3	2.5	.2									5.0	4.9	5.0
230-250	1.5	1.3	.5	.1								3.4	6.3	5.0
(W) 260-280	.6	.4										1.1	4.3	3.5
290-310	1.5	.3										1.8	3.6	3.0
320-340	2.7	1.1	.5	.1								4.4	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											39.7	////////////////////////////////	
TOTALS	38.3	19.2	2.4	.4								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRE WKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		9.0	7.3	.6	.2								17.2	5.0	4.0
020-040		8.6	5.1	.4									14.1	4.5	4.0
050-070		4.4	1.8										6.3	3.9	3.0
(E) 080-100		1.1	.3										1.4	3.8	3.0
110-130		.4	.3										.8	4.1	4.0
140-160		.9	.2										1.1	3.7	3.0
(S) 170-190		3.3	1.5	.2									5.1	4.6	4.0
200-220		2.7	1.5	.1	.1								4.4	4.7	4.0
230-250		2.1	1.7	.3	.2								4.3	5.8	5.0
(W) 260-280		1.1	.3	.1									1.5	4.5	3.5
290-310		1.0	.6										1.6	4.2	4.0
320-340		2.9	.9	.3	.1								4.2	4.9	4.0
VARIABLE															
CALM		////////////////////////////////////											38.0	////////////////////////////////	
TOTALS		37.5	21.5	2.0	.6								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.2	8.1	.8	.2								20.3	5.0	4.0
020-040	8.5	4.6	.4									13.6	4.5	4.0
050-070	4.2	1.9	.1									6.3	4.3	4.0
(E) 080-100	1.3	.2										1.5	3.8	4.0
110-130	1.4	.1										1.5	3.4	3.0
140-160	1.5	.3										1.8	3.8	3.0
(S) 170-190	2.4	1.3		.1								3.8	4.5	4.0
200-220	2.4	1.6	.2									4.2	4.9	4.0
230-250	1.5	.8	.2	.5	.1							3.1	7.7	5.0
(W) 260-280	1.0	.4	.1									1.5	5.1	4.0
290-310	.6	.2										.9	3.9	4.0
320-340	2.5	2.4	.3									5.2	5.2	5.0
VARIABLE														
CALM	////////////////////////////////////											36.3	////////////////////////////////	
TOTALS	38.5	21.9	2.1	.8	.1							100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.9	7.4	1.3									18.7	5.2	4.0
020-040	9.5	5.9	.3	.2								16.0	4.7	4.0
050-070	4.6	1.7	.1									6.5	4.1	4.0
(E) 080-100	2.0	.2										2.3	3.5	3.0
110-130	1.0	.2										1.2	3.9	4.0
140-160	.6											.6	3.7	4.0
(S) 170-190	2.3	.6	.1									3.0	4.4	4.0
200-220	2.2	2.3	.3									4.7	5.4	5.0
230-250	1.8	1.1	.1	.3								3.3	6.0	4.0
(W) 260-280	.8	.1	.1									1.0	5.0	4.0
290-310	1.1	.1										1.2	3.5	3.0
320-340	2.4	1.7	.6									4.7	5.5	4.5
VARIABLE														
CALM	////////////////////////////////////											36.8	////////////////////////////////	
TOTALS	38.2	21.3	2.9	.5								100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.5	6.8	1.0	.1								17.4	5.1	4.0
020-040	9.9	4.5	.4	.1								14.9	4.4	4.0
050-070	5.0	2.0	.1									7.1	4.1	4.0
(E) 080-100	1.7	.2	.0									2.0	3.8	3.0
110-130	1.0	.1										1.2	3.6	3.0
140-160	1.1	.1										1.2	3.6	3.0
(S) 170-190	2.3	1.6	.1	.0								4.0	4.6	4.0
200-220	2.3	1.8	.3	.0								4.4	5.0	4.0
230-250	1.5	1.0	.3	.2	.0							2.9	6.1	4.0
(W) 260-280	.8	.4	.1	.0								1.3	5.1	4.0
290-310	.9	.3	.0									1.2	4.2	3.0
320-340	2.4	1.5	.3	.0								4.3	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											38.3	////////////////////////////////	
TOTALS	38.4	20.3	2.6	.4								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 7423



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).  
AND/OR  
VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.5	5.6	1.9									18.0	5.0	4.0
020-040	8.5	1.8	.3									10.6	3.9	4.0
050-070	5.2	1.6										6.7	3.9	4.0
(E) 080-100	2.8	.4										3.2	3.6	3.0
110-130	2.1	.4										2.5	3.6	3.0
140-160	1.3	.3										1.6	3.4	3.0
(S) 170-190	4.4	2.2	.1	.1								6.9	4.6	4.0
200-220	2.5	3.8	.1									6.3	5.3	5.0
230-250	2.3	.8	.3	.1								3.5	5.3	4.0
(W) 260-280	.9	.5	.1									1.6	5.4	4.0
290-310	1.2	.1										1.3	3.8	3.0
320-340	3.1	2.1	.4									5.6	4.9	4.0
VARIABLE														
CALM	////////////////////											32.3	////	////
TOTALS	44.8	19.6	3.2	.2								100.0	3.1	4.0

TOTAL NUMBER OF OBSERVATIONS 773

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.1	9.0	1.6	.1								16.8	5.9	5.0
020-040	6.6	5.1	.8	.2	.0	.0						12.7	5.2	4.0
050-070	4.2	4.0	.8	.2	.0							9.2	5.6	5.0
(E) 080-100	1.9	1.7	.4	.1	.0							4.1	5.6	5.0
110-130	1.6	1.1	.2	.0	.0							2.8	5.1	4.0
140-160	1.4	.9	.1	.0								2.4	4.6	4.0
(S) 170-190	2.5	3.1	.3	.0	.0							5.9	5.3	5.0
200-220	2.1	4.8	1.3	.2	.0							8.4	6.8	6.0
230-250	1.3	3.3	2.0	.4	.1	.0						7.1	8.3	8.0
(W) 260-280	.9	2.0	.9	.2	.0							4.0	7.5	7.0
290-310	1.0	1.3	.2	.0	.0							2.5	5.7	5.0
320-340	2.1	3.2	.5	.0								5.8	5.9	5.0
VARIABLE														
CALM	////////////////////											18.1	////////	
TOTALS	31.7	39.5	9.1	1.4	.1							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS: 87560

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: ALL HOURS: ALL

CATEGORY A: CEILING GE 200 BUT LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

AND/OR

VISIBILITY GE 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	4.9	.8	.0								11.5	5.2	4.0
020-040	5.3	1.6	.2	.1								7.2	4.3	4.0
050-070	4.3	2.1										6.4	4.1	4.0
(E) 080-100	2.8	1.2	.0									4.0	4.1	4.0
110-130	2.3	.9	.0									3.2	4.1	4.0
140-160	2.2	1.3										3.5	4.2	4.0
(S) 170-190	3.9	4.4	.2	.0								8.6	5.1	5.0
200-220	2.7	10.2	2.5	.7	.1							16.1	7.3	7.0
230-250	1.8	4.1	3.5	.5	.1							9.9	8.6	9.0
(W) 260-280	.9	.9	.4	.2								2.4	6.9	5.0
290-310	.8	.3										1.1	4.2	4.0
320-340	2.0	1.6	.1									3.7	5.0	4.0
VARIABLE														
CALM	////////////////////											22.4	////	////
TOTALS	34.8	33.5	7.7	1.5	.2							100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS: 5434



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

D - 1 - 1

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES (METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MILES (11,200 METERS)). THE TABLES SUMMARIZE THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES, IT IS POSSIBLE TO DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POF) FOR ANY GIVEN CEILING AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR IN ANY COMBINATION. TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM TO TOP. TO DETERMINE CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLUMN (ZERO VISIBILITY). TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM ROW (ZERO CEILINGS). DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SET OF MAXIMA BY READING THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CEILING ROW AND VISIBILITY COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE MILES OR 9000 METERS. VALUES EXCEEDING 9000 METERS ARE REPORTED AS "9999."

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "CAVOK", ALL CEILINGS GREATER THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .868391 NAUTICAL MILES.  
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY GIVES PERCENTAGE OCCURRENCE FREQUENCY (POF) OF SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY OBSCURED, OR TOTALLY OBSCURED FOR AIRWAYS STATIONS. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR  
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR  
1/8 THRU 4/8.....SCATTERED  
5/8 THRU 7/8.....BROKEN  
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN  
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"  
HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	46.4	47.4	47.8	48.6	48.6	49.8	49.9	49.9	51.0	51.2	51.2	53.2	53.6	55.3	57.1
GE 20000	47.8	49.7	49.7	50.1	50.9	50.9	52.0	52.2	52.2	53.2	53.4	53.4	55.5	55.8	57.5	59.4
GE 18000	48.2	49.0	50.0	50.4	51.2	51.2	52.4	52.5	52.5	53.6	53.8	53.8	55.8	56.1	57.9	59.7
GE 16000	48.5	49.4	50.3	50.8	51.5	51.5	52.7	52.8	52.8	53.9	54.1	54.1	56.1	56.5	58.2	60.0
GE 14000	49.6	50.4	51.4	51.8	52.6	52.6	53.8	53.9	53.9	55.0	55.2	55.2	57.2	57.5	59.3	61.1
GE 12000	51.7	52.6	53.6	54.0	54.7	54.7	55.9	56.0	56.0	57.1	57.3	57.3	59.4	59.7	61.4	63.3
GE 10000	57.1	58.0	59.1	59.5	60.3	60.3	61.5	61.6	61.6	62.7	62.9	62.9	65.0	65.3	67.0	68.9
GE 9000	60.2	61.1	62.2	62.6	63.5	63.6	64.8	64.9	64.9	65.9	66.2	66.2	68.2	68.5	70.3	72.1
GE 8000	65.0	65.8	67.3	67.9	69.0	69.1	70.3	70.4	70.4	71.6	71.9	71.9	73.9	74.2	76.0	77.8
GE 7000	66.8	67.8	69.3	69.9	71.0	71.1	72.3	72.4	72.4	73.6	73.9	73.9	76.0	76.3	78.0	79.6
GE 6000	67.8	68.9	70.5	71.1	72.2	72.3	73.5	73.6	73.6	74.8	75.1	75.1	77.2	77.5	79.2	81.0
GE 5000	70.5	71.6	73.2	73.8	74.9	75.0	76.2	76.3	76.3	77.5	77.8	77.8	79.8	80.2	81.9	83.7
GE 4500	71.0	72.4	74.0	74.7	75.8	75.9	77.0	77.2	77.2	78.3	78.7	78.7	80.7	81.0	82.8	84.6
GE 4000	71.8	73.2	75.0	75.6	76.8	76.9	78.1	78.2	78.2	79.4	79.7	79.7	81.8	82.1	83.8	85.7
GE 3500	73.1	74.5	76.5	77.2	78.6	78.7	79.8	80.0	80.0	81.1	81.5	81.5	83.5	83.8	85.6	87.4
GE 3000	74.6	76.0	79.0	79.6	81.0	81.1	82.3	82.4	82.4	83.6	83.9	83.9	86.0	86.3	88.0	89.9
GE 2500	75.9	77.4	80.8	81.8	83.3	83.4	84.7	84.8	84.8	86.0	86.3	86.3	88.4	88.7	90.4	92.2
GE 2000	76.4	78.0	82.0	83.3	85.0	85.1	86.4	86.5	86.5	87.7	88.0	88.0	90.1	90.4	92.1	94.0
GE 1800	76.5	78.2	82.3	83.6	85.3	85.6	86.9	87.0	87.0	88.1	88.5	88.5	90.5	90.8	92.6	94.4
GE 1500	77.4	79.1	83.2	84.5	86.4	86.6	87.9	88.1	88.1	89.3	89.7	89.7	91.7	92.0	93.8	95.6
GE 1200	78.0	79.7	83.8	85.2	87.6	87.8	89.2	89.5	89.5	90.7	91.1	91.1	93.1	93.4	95.2	97.0
GE 1000	78.4	80.2	84.3	85.7	88.0	88.3	89.7	90.0	90.0	91.4	91.7	91.7	93.8	94.1	95.8	97.6
GE 900	78.4	80.2	84.3	85.7	88.0	88.3	89.8	90.1	90.1	91.5	91.8	91.8	93.9	94.2	95.9	97.7
GE 800	78.4	80.2	84.3	85.7	88.0	88.3	89.8	90.1	90.1	91.5	91.8	91.8	93.9	94.2	95.9	97.7
GE 700	78.6	80.3	84.4	85.8	88.1	88.4	89.9	90.2	90.2	91.6	91.9	91.9	94.0	94.3	96.0	97.8
GE 600	78.9	80.6	84.8	86.2	88.6	88.8	90.3	90.6	90.6	92.0	92.3	92.3	94.4	94.7	96.4	98.3
GE 500	79.1	80.8	85.2	86.6	89.0	89.2	90.7	91.1	91.1	92.5	92.8	92.8	94.8	95.2	97.0	98.9
GE 400	79.1	80.9	85.3	86.7	89.1	89.5	91.2	91.5	91.5	92.9	93.2	93.2	95.3	95.6	97.4	99.4
GE 300	79.1	80.9	85.3	86.7	89.1	89.7	91.4	91.7	91.7	93.1	93.4	93.4	95.5	95.8	97.6	99.6
GE 200	79.1	80.9	85.3	86.7	89.1	89.7	91.4	91.7	91.7	93.1	93.4	93.4	95.5	95.8	97.8	99.8
GE 100	79.1	81.0	85.5	86.9	89.2	89.8	91.5	91.8	91.8	93.2	93.6	93.6	95.7	96.0	98.1	100.0
GE 000	79.1	81.0	85.5	86.9	89.2	89.8	91.5	91.8	91.8	93.2	93.6	93.6	95.7	96.0	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 928



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: /02610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.8	46.5	47.7	48.3	49.1	49.1	49.4	49.6	49.6	50.1	50.6	50.6	53.0	53.3	54.5	56.7
GE 20000	46.9	48.7	49.8	50.5	51.2	51.2	51.6	51.8	51.8	52.2	52.7	52.7	55.1	55.4	56.6	58.9
GE 18000	47.0	48.8	49.9	50.6	51.3	51.3	51.7	51.9	51.9	52.3	52.9	52.9	55.2	55.5	56.7	59.0
GE 16000	48.4	50.2	51.3	52.0	52.7	52.7	53.1	53.3	53.3	53.7	54.3	54.3	56.6	56.9	58.1	60.4
GE 14000	49.9	51.7	52.9	53.5	54.3	54.3	54.6	54.8	54.8	55.2	55.8	55.8	58.1	58.4	59.6	61.9
GE 12000	53.5	55.2	56.4	57.1	57.8	57.8	58.1	58.3	58.3	58.8	59.3	59.3	61.7	62.0	63.2	65.4
GE 10000	58.9	60.7	61.9	62.5	63.3	63.3	63.6	63.8	63.8	64.3	64.8	64.8	67.2	67.5	68.7	70.9
GE 9000	60.2	62.0	63.2	63.8	64.6	64.6	64.9	65.1	65.1	65.6	66.1	66.1	68.5	68.8	70.2	72.4
GE 8000	63.6	65.7	67.1	67.8	68.8	68.8	69.1	69.3	69.3	69.8	70.3	70.3	72.7	73.0	74.4	76.6
GE 7000	65.8	67.9	69.3	70.1	71.0	71.2	71.5	71.7	71.7	72.1	72.7	72.7	75.0	75.3	76.7	79.0
GE 6000	66.7	69.1	70.5	71.3	72.2	72.3	72.7	72.9	72.9	73.3	73.8	73.8	76.2	76.5	77.9	80.2
GE 5000	68.7	71.2	72.7	73.4	74.5	74.6	74.9	75.1	75.1	75.6	76.1	76.1	78.5	78.8	80.2	82.5
GE 4500	69.0	71.7	73.2	74.0	75.0	75.1	75.5	75.7	75.7	76.1	76.6	76.6	79.0	79.3	80.7	83.0
GE 4000	69.4	72.1	74.1	75.1	76.2	76.3	76.6	76.9	76.9	77.3	77.8	77.8	80.3	80.6	82.0	84.3
GE 3500	70.9	74.0	76.4	77.5	78.8	78.9	79.2	79.4	79.4	79.9	80.4	80.4	82.9	83.2	84.6	86.9
GE 3000	72.4	75.8	78.4	79.5	81.1	81.2	81.5	81.7	81.7	82.1	82.7	82.7	85.1	85.5	86.9	89.1
GE 2500	73.6	77.1	79.9	81.1	82.6	82.8	83.1	83.3	83.3	83.7	84.3	84.3	86.8	87.1	88.5	90.7
GE 2000	74.4	78.3	81.3	82.6	84.3	84.5	85.1	85.4	85.4	85.9	86.4	86.4	88.9	89.2	90.6	92.9
GE 1800	74.6	78.6	81.6	83.0	84.7	84.9	85.6	85.8	85.8	86.3	86.9	86.9	89.3	89.7	91.1	93.3
GE 1500	75.9	79.9	83.0	84.4	86.3	86.5	87.3	87.8	87.8	88.4	88.9	88.9	91.4	91.7	93.1	95.4
GE 1200	77.3	81.5	84.6	86.0	88.2	88.6	89.6	90.1	90.1	90.7	91.3	91.3	93.8	94.1	95.5	97.7
GE 1000	77.4	81.6	84.7	86.1	88.3	88.7	89.7	90.2	90.2	91.0	91.5	91.5	94.0	94.3	95.7	98.0
GE 900	77.7	81.9	85.0	86.4	88.6	89.0	90.0	90.5	90.5	91.3	91.8	91.8	94.3	94.6	96.0	98.3
GE 800	78.3	82.5	85.6	87.0	89.1	89.6	90.5	91.1	91.1	91.8	92.4	92.4	94.8	95.2	96.6	98.8
GE 700	78.6	82.8	85.9	87.3	89.5	89.9	90.9	91.4	91.4	92.1	92.7	92.7	95.2	95.5	96.9	99.1
GE 600	78.7	82.9	86.0	87.4	89.6	90.0	91.0	91.5	91.5	92.2	92.8	92.8	95.3	95.6	97.0	99.2
GE 500	78.7	82.9	86.0	87.4	89.6	90.0	91.0	91.5	91.5	92.2	92.9	92.9	95.5	95.8	97.3	99.6
GE 400	78.7	82.9	86.1	87.5	89.7	90.1	91.1	91.6	91.6	92.4	93.1	93.1	95.7	96.0	97.5	99.8
GE 300	78.7	82.9	86.1	87.5	89.7	90.1	91.1	91.6	91.6	92.4	93.1	93.1	95.7	96.0	97.5	99.8
GE 200	78.7	82.9	86.1	87.5	89.7	90.1	91.1	91.6	91.6	92.6	93.3	93.3	95.9	96.2	97.7	100.0
GE 100	78.7	82.9	86.1	87.5	89.7	90.1	91.1	91.6	91.6	92.6	93.3	93.3	95.9	96.2	97.7	100.0
GE 000	78.7	82.9	86.1	87.5	89.7	90.1	91.1	91.6	91.6	92.6	93.3	93.3	95.9	96.2	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.9	42.8	44.0	44.6	45.7	45.9	46.7	47.0	47.0	47.2	47.5	47.5	50.1	50.1	52.4	54.1
GE 20000	44.2	45.0	46.2	46.9	48.0	48.2	48.9	49.2	49.2	49.5	49.8	49.8	52.4	52.4	54.6	56.4
GE 18000	44.3	45.2	46.3	47.0	48.1	48.3	49.0	49.4	49.4	49.6	49.9	49.9	52.5	52.5	54.7	56.5
GE 16000	45.0	45.9	47.1	47.7	48.8	49.0	49.8	50.1	50.1	50.3	50.6	50.6	53.2	53.2	55.5	57.2
GE 14000	46.6	47.4	48.6	49.2	50.3	50.5	51.3	51.6	51.6	51.8	52.2	52.2	54.7	54.7	57.0	58.7
GE 12000	50.8	51.6	52.8	53.4	54.5	54.7	55.5	55.8	55.8	56.0	56.4	56.4	58.9	58.9	61.2	62.9
GE 10000	55.7	56.7	57.9	58.5	59.6	59.8	60.6	60.9	60.9	61.1	61.4	61.4	64.0	64.0	66.3	68.0
GE 9000	58.1	59.1	60.2	60.9	62.0	62.2	62.9	63.3	63.3	63.5	63.8	63.8	66.4	66.4	68.6	70.4
GE 8000	62.2	63.3	64.5	65.2	66.3	66.5	67.2	67.6	67.6	67.8	68.1	68.1	70.7	70.7	73.0	74.7
GE 7000	64.9	65.9	67.2	67.9	69.0	69.5	70.3	70.6	70.6	70.8	71.1	71.1	73.7	73.7	76.0	77.7
GE 6000	66.3	67.5	68.8	69.4	70.5	71.0	71.8	72.1	72.1	72.3	72.6	72.6	75.2	75.2	77.5	79.2
GE 5000	68.0	69.2	70.6	71.2	72.3	72.8	73.6	73.9	73.9	74.1	74.5	74.5	77.0	77.0	79.3	81.0
GE 4500	69.7	70.9	72.4	73.1	74.1	74.7	75.4	75.8	75.8	76.0	76.3	76.3	78.9	78.9	81.1	82.9
GE 4000	70.6	72.0	73.7	74.5	75.5	76.1	76.8	77.2	77.2	77.4	77.7	77.7	80.3	80.3	82.5	84.3
GE 3500	71.9	73.7	75.8	76.6	77.8	78.3	79.1	79.4	79.4	79.6	80.0	80.0	82.5	82.5	84.8	86.5
GE 3000	73.3	75.4	77.8	78.9	80.1	80.7	81.6	81.9	81.9	82.1	82.4	82.4	85.0	85.0	87.3	89.0
GE 2500	74.9	77.3	79.8	80.9	82.3	83.2	84.2	84.5	84.5	84.7	85.0	85.0	87.6	87.6	89.9	91.6
GE 2000	75.2	77.8	80.7	81.9	83.5	84.4	85.5	85.8	85.8	86.0	86.3	86.3	88.9	88.9	91.2	92.9
GE 1800	75.2	77.8	80.7	81.9	83.5	84.5	85.6	85.9	85.9	86.1	86.4	86.4	89.0	89.0	91.3	93.0
GE 1500	76.4	79.2	82.3	83.6	85.6	86.5	87.8	88.5	88.5	88.7	89.0	89.0	91.6	91.6	93.9	95.6
GE 1200	77.2	80.3	83.4	84.7	86.7	87.7	89.2	90.0	90.0	90.4	90.7	90.7	93.3	93.3	95.6	97.3
GE 1000	77.4	80.5	83.6	84.9	87.0	87.9	89.4	90.2	90.2	90.8	91.2	91.2	93.8	93.8	96.0	97.7
GE 900	77.8	80.9	84.1	85.3	87.4	88.4	89.9	90.6	90.6	91.3	91.6	91.6	94.2	94.2	96.4	98.2
GE 800	78.1	81.3	84.5	85.8	87.8	88.8	90.3	91.1	91.1	91.7	92.0	92.0	94.6	94.6	96.9	98.6
GE 700	78.3	81.5	84.7	86.0	88.0	89.0	90.5	91.3	91.3	91.9	92.2	92.2	94.8	94.8	97.1	98.8
GE 600	78.8	81.9	85.1	86.4	88.5	89.4	90.9	91.7	91.7	92.3	92.7	92.7	95.3	95.3	97.5	99.2
GE 500	78.8	81.9	85.1	86.4	88.5	89.4	90.9	91.7	91.7	92.3	92.7	92.7	95.3	95.3	97.5	99.2
GE 400	79.1	82.2	85.5	86.7	88.8	89.8	91.3	92.0	92.0	92.7	93.0	93.0	95.6	95.6	97.8	99.6
GE 300	79.1	82.2	85.5	86.7	88.8	89.8	91.4	92.1	92.1	92.9	93.2	93.2	95.8	95.8	98.1	99.8
GE 200	79.1	82.2	85.5	86.7	88.8	89.8	91.4	92.1	92.1	92.9	93.2	93.2	95.8	95.8	98.1	99.8
GE 100	79.1	82.2	85.5	86.7	88.9	89.9	91.5	92.2	92.2	93.0	93.3	93.3	95.9	95.9	98.2	99.9
GE 000	79.1	82.2	85.5	86.7	88.9	89.9	91.5	92.2	92.2	93.0	93.3	93.3	95.9	95.9	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 928

D - 2 - 3

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.9	39.3	39.9	40.0	41.0	41.4	42.3	42.6	42.6	42.8	43.1	43.5	45.4	46.1	49.1	51.6
GE 20000	40.3	40.7	41.3	41.4	42.4	42.8	43.7	44.0	44.0	44.2	44.6	44.9	46.8	47.5	50.5	53.0
GE 18000	41.4	41.7	42.4	42.5	43.5	43.9	44.8	45.1	45.1	45.3	45.6	46.0	47.9	48.5	51.6	54.0
GE 16000	42.1	42.4	43.0	43.1	44.1	44.6	45.4	45.7	45.7	46.0	46.3	46.6	48.5	49.2	52.2	54.7
GE 14000	43.0	43.4	44.0	44.3	45.3	45.7	46.6	46.9	46.9	47.1	47.5	47.8	49.7	50.4	53.4	55.9
GE 12000	49.1	49.5	50.2	50.6	51.6	52.0	52.9	53.2	53.2	53.5	53.8	54.2	56.1	56.7	59.8	62.2
GE 10000	54.5	55.0	55.7	56.1	57.2	57.6	58.6	58.9	58.9	59.2	59.5	59.9	62.0	62.8	65.8	68.3
GE 9000	58.3	58.8	59.4	59.9	60.9	61.4	62.4	62.7	62.7	63.0	63.3	63.6	65.8	66.6	69.6	72.1
GE 8000	62.6	63.2	63.9	64.3	65.4	65.8	66.8	67.1	67.1	67.4	67.9	68.3	70.7	71.4	74.4	76.9
GE 7000	63.8	64.4	65.0	65.5	66.6	67.0	68.0	68.3	68.3	68.7	69.1	69.6	72.1	72.8	75.8	78.3
GE 6000	64.8	65.5	66.1	66.6	67.6	68.1	69.0	69.4	69.4	69.8	70.2	70.7	73.1	73.9	76.9	79.4
GE 5000	67.4	68.2	68.8	69.3	70.3	70.8	71.7	72.1	72.1	72.5	72.9	73.4	75.8	76.6	79.6	82.1
GE 4500	68.6	69.5	70.1	70.6	71.7	72.2	73.1	73.6	73.6	74.0	74.4	74.9	77.3	78.1	81.1	83.6
GE 4000	69.7	70.6	71.3	71.7	73.0	73.5	74.5	75.0	75.0	75.4	75.8	76.3	78.7	79.5	82.5	85.0
GE 3500	70.8	72.2	73.1	73.6	75.1	75.5	76.7	77.1	77.1	77.6	78.0	78.4	80.9	81.7	84.7	87.2
GE 3000	72.2	73.8	74.8	75.5	77.0	77.6	78.7	79.3	79.3	79.7	80.2	80.6	83.1	83.8	86.8	89.3
GE 2500	73.5	75.5	76.7	77.5	79.3	80.2	81.6	82.3	82.3	82.7	83.2	83.6	86.1	86.8	89.9	92.3
GE 2000	74.5	76.9	78.2	79.0	81.0	82.1	84.1	84.9	84.9	85.4	86.0	86.4	88.9	89.6	92.7	95.1
GE 1800	74.6	77.0	78.3	79.1	81.2	82.4	84.6	85.3	85.3	85.9	86.4	86.8	89.3	90.1	93.1	95.6
GE 1500	75.6	78.0	79.6	80.4	82.6	83.8	86.0	86.8	86.8	87.4	87.9	88.3	90.8	91.6	94.6	97.1
GE 1200	75.8	78.2	79.8	80.6	82.8	84.1	86.5	87.4	87.4	87.9	88.5	88.9	91.5	92.2	95.3	97.7
GE 1000	76.2	78.5	80.3	81.0	83.3	84.6	86.9	87.8	87.8	88.5	89.0	89.4	92.0	92.8	95.8	98.3
GE 900	76.6	79.0	80.7	81.4	83.7	85.0	87.4	88.2	88.2	88.9	89.4	89.9	92.4	93.2	96.2	98.7
GE 800	76.8	79.2	80.9	81.7	83.9	85.2	87.7	88.6	88.6	89.2	89.8	90.2	92.8	93.5	96.5	99.0
GE 700	76.8	79.2	80.9	81.7	83.9	85.2	87.7	88.6	88.6	89.2	89.8	90.2	92.8	93.5	96.5	99.0
GE 600	77.2	79.6	81.3	82.1	84.4	85.7	88.1	89.0	89.0	89.6	90.2	90.6	93.2	94.0	97.0	99.5
GE 500	77.2	79.6	81.3	82.1	84.4	85.7	88.1	89.0	89.0	89.6	90.2	90.6	93.2	94.0	97.0	99.5
GE 400	77.3	79.7	81.6	82.3	84.6	85.9	88.3	89.2	89.2	90.0	90.5	90.9	93.5	94.3	97.3	99.8
GE 300	77.3	79.7	81.6	82.3	84.6	85.9	88.3	89.2	89.2	90.0	90.5	90.9	93.5	94.3	97.3	99.8
GE 200	77.3	79.7	81.6	82.3	84.6	85.9	88.3	89.2	89.2	90.0	90.5	90.9	93.5	94.3	97.4	99.9
GE 100	77.3	79.7	81.6	82.3	84.6	85.9	88.3	89.2	89.2	90.0	90.5	90.9	93.5	94.3	97.4	100.0
GE 000	77.3	79.7	81.6	82.3	84.6	85.9	88.3	89.2	89.2	90.0	90.5	90.9	93.5	94.3	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.5	37.6	38.1	38.3	38.8	39.1	39.7	39.8	39.8	41.2	41.3	41.3	43.1	43.5	45.3	49.6
GE 20000	39.5	39.6	40.0	40.2	40.8	41.0	41.6	41.7	41.7	43.1	43.3	43.3	45.1	45.4	47.2	51.6
GE 18000	39.9	40.0	40.5	40.7	41.2	41.4	42.1	42.2	42.2	43.6	43.7	43.7	45.5	45.8	47.7	52.0
GE 16000	40.3	40.5	40.9	41.1	41.6	41.9	42.5	42.6	42.6	44.0	44.1	44.1	46.0	46.3	48.1	52.4
GE 14000	42.7	42.8	43.3	43.5	44.1	44.3	45.0	45.1	45.1	46.5	46.6	46.6	48.4	48.8	50.6	54.9
GE 12000	49.6	49.7	50.2	50.4	51.0	51.2	51.9	52.0	52.0	53.5	53.6	53.6	55.4	55.8	57.6	61.9
GE 10000	55.0	55.2	55.8	56.0	56.7	57.0	57.6	57.8	57.8	59.4	59.5	59.5	61.5	61.8	63.6	68.0
GE 9000	59.8	60.0	60.5	60.7	61.5	61.7	62.4	62.8	62.8	64.4	64.5	64.6	66.9	67.2	69.0	73.4
GE 8000	66.5	66.7	67.2	67.5	68.5	68.7	69.4	69.8	69.8	71.5	71.6	71.7	74.1	74.4	76.3	80.6
GE 7000	68.4	68.7	69.3	69.6	70.6	70.8	71.4	71.8	71.8	73.6	73.7	73.8	76.2	76.5	78.3	82.7
GE 6000	69.4	69.7	70.2	70.6	71.5	71.7	72.4	72.8	72.8	74.5	74.6	74.8	77.1	77.5	79.3	83.7
GE 5000	71.0	71.4	72.0	72.3	73.2	73.5	74.1	74.5	74.5	76.3	76.4	76.5	78.9	79.2	81.0	85.4
GE 4500	72.1	72.5	73.1	73.5	74.5	74.8	75.6	76.1	76.1	77.8	77.9	78.0	80.4	80.7	82.5	86.9
GE 4000	72.7	73.1	73.8	74.1	75.2	75.5	76.5	76.9	76.9	78.6	78.7	78.9	81.2	81.6	83.4	87.8
GE 3500	73.6	74.1	75.1	75.5	76.8	77.2	78.3	78.7	78.7	80.5	80.6	80.7	83.1	83.4	85.2	89.6
GE 3000	74.9	75.4	76.4	76.9	78.4	78.9	79.9	80.4	80.4	82.1	82.2	82.3	84.7	85.0	86.8	91.3
GE 2500	76.1	76.6	77.6	78.1	80.0	80.5	82.1	82.5	82.5	84.4	84.5	84.6	86.9	87.3	89.1	93.5
GE 2000	76.7	77.2	78.2	78.7	80.7	81.1	83.1	83.6	83.6	85.5	85.9	86.0	88.3	88.7	90.5	94.9
GE 1800	77.2	77.8	78.7	79.3	81.2	81.7	83.6	84.1	84.1	86.1	86.4	86.5	88.9	89.2	91.0	95.5
GE 1500	77.9	78.4	79.4	79.9	82.2	82.6	84.7	85.3	85.3	87.4	87.8	87.9	90.3	90.6	92.4	96.9
GE 1200	78.7	79.3	80.5	81.0	83.3	83.8	86.1	86.7	86.7	88.9	89.3	89.4	91.8	92.1	94.0	98.4
GE 1000	79.2	79.7	80.9	81.4	83.7	84.3	86.5	87.2	87.2	89.6	90.1	90.2	92.6	92.9	94.7	99.1
GE 900	79.2	79.7	80.9	81.4	83.7	84.3	86.5	87.2	87.2	89.6	90.1	90.2	92.6	92.9	94.7	99.1
GE 800	79.2	79.7	80.9	81.4	84.0	84.6	86.9	87.6	87.6	90.1	90.5	90.6	93.0	93.3	95.1	99.6
GE 700	79.2	79.7	80.9	81.4	84.0	84.6	86.9	87.6	87.6	90.1	90.5	90.6	93.0	93.3	95.1	99.6
GE 600	79.3	79.8	81.0	81.6	84.1	84.7	87.1	87.7	87.7	90.2	90.6	90.7	93.1	93.4	95.3	99.7
GE 500	79.3	79.8	81.0	81.6	84.1	84.7	87.1	87.7	87.7	90.2	90.6	90.7	93.1	93.4	95.3	99.7
GE 400	79.3	79.8	81.0	81.6	84.1	84.7	87.1	87.7	87.7	90.2	90.6	90.7	93.1	93.5	95.4	99.8
GE 300	79.4	79.9	81.1	81.7	84.3	84.8	87.2	87.8	87.8	90.3	90.7	90.8	93.2	93.6	95.6	100.0
GE 200	79.4	79.9	81.1	81.7	84.3	84.8	87.2	87.8	87.8	90.3	90.7	90.8	93.2	93.6	95.6	100.0
GE 100	79.4	79.9	81.1	81.7	84.3	84.8	87.2	87.8	87.8	90.3	90.7	90.8	93.2	93.6	95.6	100.0
GE 000	79.4	79.9	81.1	81.7	84.3	84.8	87.2	87.8	87.8	90.3	90.7	90.8	93.2	93.6	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.1	40.8	41.6	41.8	42.5	42.6	42.7	42.9	42.9	44.2	44.5	44.6	46.4	46.6	48.6	51.5
GE 20000	41.6	42.3	43.1	43.3	44.0	44.1	44.2	44.4	44.4	45.7	46.0	46.1	48.0	48.1	50.1	53.0
GE 18000	43.0	43.8	44.5	44.7	45.4	45.5	45.6	45.8	45.8	47.1	47.4	47.5	49.4	49.5	51.5	54.4
GE 16000	43.8	44.5	45.3	45.5	46.1	46.2	46.3	46.6	46.6	47.8	48.2	48.3	50.1	50.2	52.3	55.2
GE 14000	45.6	46.3	47.1	47.3	48.0	48.1	48.2	48.5	48.5	49.8	50.1	50.2	52.0	52.2	54.2	57.1
GE 12000	51.0	51.7	52.6	52.8	53.6	53.7	53.8	54.1	54.1	55.4	55.7	55.8	57.7	57.8	59.8	62.7
GE 10000	54.5	55.4	56.3	56.6	57.3	57.4	57.5	58.1	58.1	59.4	59.7	59.8	61.6	61.7	63.9	66.8
GE 9000	57.9	58.7	59.6	59.9	60.7	60.8	60.9	61.5	61.5	63.0	63.5	63.6	65.4	65.5	67.8	70.8
GE 8000	63.6	64.5	65.4	65.7	66.5	66.6	66.8	67.6	67.6	69.2	69.6	69.7	71.6	71.7	73.9	76.9
GE 7000	65.2	66.3	67.2	67.6	68.6	68.8	69.0	69.7	69.7	71.3	71.8	71.9	73.7	73.8	76.1	79.2
GE 6000	66.6	67.7	68.6	69.0	70.3	70.4	70.6	71.3	71.3	73.0	73.4	73.5	75.3	75.4	77.7	80.8
GE 5000	69.4	70.9	71.9	72.2	73.5	73.6	73.8	74.6	74.6	76.2	76.6	76.7	78.6	78.7	80.9	84.1
GE 4500	70.9	72.4	73.4	73.7	75.2	75.4	75.8	76.7	76.7	78.3	78.8	78.9	80.7	80.8	83.1	86.2
GE 4000	71.6	73.1	74.0	74.4	76.2	76.5	76.9	77.9	77.9	79.5	80.0	80.1	81.9	82.0	84.3	87.4
GE 3500	72.5	74.1	75.2	75.6	77.6	77.9	78.6	79.5	79.5	81.1	81.6	81.7	83.5	83.6	85.9	89.0
GE 3000	73.2	75.0	76.3	76.8	79.2	79.6	80.4	81.6	81.6	83.2	83.6	83.7	85.6	85.7	87.9	91.1
GE 2500	74.5	76.5	77.9	78.4	80.9	81.6	82.8	84.1	84.1	85.8	86.3	86.4	88.3	88.4	90.6	93.8
GE 2000	75.3	77.4	78.9	79.4	81.9	82.5	84.1	85.5	85.6	87.3	87.9	88.0	89.9	90.0	92.2	95.4
GE 1800	75.4	77.5	79.0	79.5	82.1	82.8	84.3	85.7	85.8	87.5	88.1	88.3	90.1	90.2	92.5	95.6
GE 1500	75.6	77.7	79.3	80.0	82.7	83.3	85.0	86.6	86.7	88.7	89.3	89.5	91.4	91.5	93.8	96.9
GE 1200	75.8	77.8	79.4	80.2	82.9	83.7	85.6	87.3	87.4	89.3	90.0	90.2	92.0	92.1	94.4	97.5
GE 1000	76.1	78.3	80.0	80.7	83.4	84.3	86.1	87.8	87.9	90.1	90.8	91.1	92.9	93.0	95.3	98.4
GE 900	76.1	78.3	80.1	80.8	83.5	84.4	86.2	87.9	88.0	90.2	90.9	91.2	93.0	93.1	95.4	98.5
GE 800	76.1	78.3	80.1	80.8	83.7	84.6	86.4	88.1	88.3	90.4	91.4	91.6	93.4	93.5	95.8	98.9
GE 700	76.2	78.4	80.2	80.9	83.8	84.7	86.6	88.4	88.5	90.6	91.7	91.9	93.8	93.9	96.1	99.2
GE 600	76.2	78.4	80.2	80.9	83.8	84.7	86.6	88.4	88.5	90.6	91.7	91.9	93.8	93.9	96.1	99.2
GE 500	76.2	78.4	80.2	80.9	83.9	84.8	86.9	88.6	88.7	90.8	91.9	92.1	94.1	94.2	96.4	99.6
GE 400	76.2	78.4	80.2	80.9	83.9	84.8	86.9	88.6	88.7	90.8	91.9	92.1	94.1	94.2	96.4	99.7
GE 300	76.2	78.4	80.2	80.9	83.9	84.8	86.9	88.7	88.8	90.9	92.0	92.2	94.2	94.3	96.6	99.8
GE 200	76.2	78.4	80.2	80.9	83.9	84.8	86.9	88.7	88.8	90.9	92.0	92.2	94.2	94.3	96.6	99.9
GE 100	76.2	78.4	80.2	80.9	83.9	84.8	86.9	88.7	88.8	90.9	92.0	92.2	94.2	94.3	96.6	100.0
GE 000	76.2	78.4	80.2	80.9	83.9	84.8	86.9	88.7	88.8	90.9	92.0	92.2	94.2	94.3	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	42.0	42.4	43.2	44.2	44.6	45.4	45.7	45.7	46.8	47.1	47.1	49.2	49.2	50.7	52.7
GE 20000	44.0	44.5	44.9	45.6	46.7	47.0	47.9	48.2	48.2	49.3	49.6	49.6	51.7	51.7	53.2	55.2
GE 18000	45.4	46.0	46.4	47.1	48.2	48.5	49.4	49.7	49.7	50.8	51.1	51.1	53.2	53.2	54.7	56.7
GE 16000	46.7	47.3	47.7	48.4	49.5	49.8	50.7	51.0	51.0	52.1	52.4	52.4	54.5	54.5	56.0	58.0
GE 14000	47.6	48.2	48.7	49.4	50.5	50.8	51.7	52.0	52.0	53.1	53.4	53.4	55.4	55.4	56.9	59.0
GE 12000	51.3	52.1	52.5	53.3	54.4	54.7	55.5	55.9	55.9	56.9	57.3	57.3	59.3	59.3	60.8	62.9
GE 10000	55.4	56.2	56.7	57.5	58.6	58.9	59.7	60.1	60.1	61.1	61.6	61.6	63.6	63.8	65.3	67.4
GE 9000	57.6	58.3	58.9	59.6	60.7	61.0	61.9	62.2	62.2	63.3	63.8	63.8	65.9	66.1	67.6	69.6
GE 8000	62.5	63.3	63.8	64.6	65.9	66.2	67.1	67.4	67.4	68.7	69.2	69.2	71.3	71.5	73.0	75.0
GE 7000	64.7	65.6	66.1	66.8	68.1	68.5	69.3	69.6	69.6	70.9	71.5	71.5	73.5	73.7	75.2	77.3
GE 6000	66.6	67.5	68.1	68.9	70.2	70.5	71.4	71.7	71.7	73.0	73.5	73.5	75.6	75.8	77.3	79.3
GE 5000	68.9	69.8	70.6	71.5	72.8	73.1	74.1	74.4	74.4	75.7	76.2	76.2	78.3	78.5	80.0	82.0
GE 4500	70.5	71.6	72.8	73.6	75.0	75.3	76.3	76.6	76.6	77.9	78.5	78.5	80.5	80.7	82.2	84.3
GE 4000	71.6	72.9	74.1	74.9	76.6	77.0	78.1	78.6	78.6	79.9	80.4	80.4	82.5	82.7	84.2	86.2
GE 3500	72.4	74.1	75.3	76.5	78.4	78.7	79.9	80.4	80.4	81.7	82.2	82.2	84.3	84.5	86.0	88.1
GE 3000	73.8	75.8	77.1	78.4	80.7	81.1	82.2	82.9	82.9	84.2	84.7	84.7	86.8	87.0	88.5	90.5
GE 2500	74.8	77.2	78.5	80.0	82.3	82.7	83.9	84.6	84.6	85.9	86.7	86.7	88.7	88.9	90.4	92.5
GE 2000	75.8	78.3	79.7	81.2	84.2	84.5	85.7	86.5	86.5	87.8	88.6	88.6	90.6	90.9	92.4	94.4
GE 1800	76.3	78.8	80.2	81.8	84.9	85.3	86.5	87.4	87.4	88.7	89.5	89.5	91.5	91.7	93.2	95.3
GE 1500	77.4	79.9	81.4	83.0	86.2	86.5	87.9	88.8	88.8	90.2	91.0	91.0	93.0	93.2	94.7	96.8
GE 1200	77.8	80.3	81.8	83.4	86.8	87.1	88.5	89.3	89.3	90.7	91.6	91.6	93.6	93.9	95.4	97.4
GE 1000	78.0	80.5	82.0	83.6	87.0	87.4	88.9	89.8	89.8	91.2	92.0	92.0	94.1	94.3	95.8	97.8
GE 900	78.4	80.8	82.3	84.0	87.3	87.7	89.2	90.1	90.1	91.5	92.4	92.4	94.4	94.6	96.1	98.2
GE 800	78.4	80.8	82.3	84.0	87.3	87.7	89.2	90.1	90.1	91.5	92.4	92.4	94.4	94.6	96.1	98.2
GE 700	78.5	81.2	82.7	84.3	87.6	88.1	89.6	90.4	90.4	91.8	92.7	92.7	94.7	94.9	96.4	98.5
GE 600	78.6	81.4	82.9	84.5	87.8	88.3	89.8	90.6	90.6	92.1	93.0	93.0	95.0	95.3	96.8	98.8
GE 500	78.7	81.7	83.3	84.9	88.3	88.9	90.4	91.4	91.4	92.9	93.8	93.8	95.8	96.0	97.5	99.6
GE 400	78.7	81.7	83.3	84.9	88.3	88.9	90.4	91.4	91.4	93.0	93.9	93.9	95.9	96.1	97.6	99.7
GE 300	78.8	81.8	83.4	85.0	88.4	89.0	90.5	91.5	91.5	93.1	94.0	94.0	96.0	96.2	97.8	100.0
GE 200	78.8	81.8	83.4	85.0	88.4	89.0	90.5	91.5	91.5	93.1	94.0	94.0	96.0	96.2	97.8	100.0
GE 100	78.8	81.8	83.4	85.0	88.4	89.0	90.5	91.5	91.5	93.1	94.0	94.0	96.0	96.2	97.8	100.0
GE 000	78.8	81.8	83.4	85.0	88.4	89.0	90.5	91.5	91.5	93.1	94.0	94.0	96.0	96.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.3	46.1	47.3	48.5	50.1	50.2	50.5	50.9	50.9	51.8	52.2	52.2	54.6	54.7	55.8	57.5
GE 20000	48.1	49.0	50.2	51.4	53.0	53.1	53.4	53.8	53.8	54.7	55.1	55.1	57.7	57.8	58.8	60.6
GE 18000	50.1	51.1	52.3	53.4	55.1	55.2	55.5	55.8	55.8	56.8	57.1	57.1	59.7	59.8	60.9	62.6
GE 16000	50.9	51.8	53.0	54.2	55.8	55.9	56.3	56.6	56.6	57.5	57.9	57.9	60.5	60.6	61.6	63.4
GE 14000	51.6	52.6	53.8	55.0	56.6	56.7	57.0	57.3	57.3	58.3	58.6	58.6	61.2	61.3	62.4	64.1
GE 12000	53.8	54.7	56.0	57.2	58.8	58.9	59.3	59.6	59.6	60.6	60.9	60.9	63.5	63.6	64.7	66.4
GE 10000	58.0	58.9	60.2	61.4	63.0	63.1	63.5	63.8	63.8	64.8	65.1	65.1	67.8	67.9	69.0	70.7
GE 9000	59.8	60.8	62.1	63.3	64.9	65.0	65.3	65.6	65.6	66.6	66.9	66.9	69.6	69.7	70.8	72.5
GE 8000	63.1	64.3	65.7	66.9	68.8	68.9	69.2	69.5	69.5	70.5	70.8	70.8	73.5	73.6	74.7	76.4
GE 7000	65.1	66.5	67.9	69.1	71.0	71.1	71.4	71.8	71.8	72.7	73.1	73.1	75.8	75.9	76.9	78.7
GE 6000	66.7	68.2	69.6	70.8	72.8	73.0	73.3	73.6	73.6	74.6	74.9	74.9	77.6	77.7	78.8	80.5
GE 5000	68.3	70.0	71.6	72.7	74.8	74.9	75.2	75.5	75.5	76.5	76.8	76.8	79.5	79.6	80.7	82.4
GE 4500	69.0	70.8	72.7	74.0	76.1	76.2	76.5	76.9	76.9	77.9	78.2	78.2	80.9	81.0	82.1	83.8
GE 4000	69.6	71.9	74.1	75.4	77.6	77.7	78.0	78.6	78.6	79.5	79.8	79.8	82.5	82.7	83.7	85.5
GE 3500	71.1	73.9	76.4	77.8	80.1	80.2	80.5	81.0	81.0	82.0	82.3	82.3	85.0	85.1	86.2	87.9
GE 3000	73.5	76.4	79.2	80.7	83.1	83.2	83.5	84.2	84.2	85.1	85.5	85.5	88.1	88.3	89.3	91.1
GE 2500	74.8	78.1	80.9	82.4	85.0	85.1	85.6	86.3	86.3	87.3	87.6	87.6	90.3	90.4	91.5	93.2
GE 2000	75.4	78.9	81.7	83.2	86.0	86.2	86.9	87.6	87.6	88.7	89.0	89.0	91.7	91.8	92.9	94.6
GE 1800	75.4	78.9	81.7	83.2	86.0	86.2	86.9	87.6	87.6	88.7	89.0	89.0	91.7	91.8	92.9	94.6
GE 1500	76.3	79.8	82.9	84.4	87.4	87.6	88.3	89.1	89.1	90.2	90.5	90.5	93.2	93.3	94.4	96.1
GE 1200	76.7	80.3	83.5	85.1	88.4	88.6	89.3	90.2	90.2	91.3	91.7	91.7	94.4	94.5	95.6	97.3
GE 1000	76.9	80.5	83.7	85.3	88.6	88.8	89.7	90.5	90.5	91.6	92.1	92.1	94.8	94.9	96.0	97.7
GE 900	76.9	80.5	83.7	85.3	88.6	88.8	89.7	90.5	90.5	91.6	92.1	92.1	94.8	94.9	96.0	97.7
GE 800	76.9	80.5	83.7	85.3	88.6	88.8	89.7	90.5	90.5	91.6	92.1	92.1	94.8	94.9	96.0	97.7
GE 700	76.9	80.6	83.8	85.5	88.7	88.9	89.8	90.6	90.6	91.7	92.2	92.2	94.9	95.0	96.1	97.8
GE 600	77.3	81.0	84.4	86.0	89.2	89.4	90.3	91.2	91.2	92.2	92.8	92.8	95.5	95.6	96.7	98.4
GE 500	77.3	81.3	84.6	86.2	89.4	89.9	90.9	91.8	91.8	92.9	93.4	93.4	96.1	96.2	97.3	99.1
GE 400	77.4	81.4	84.7	86.3	89.7	90.2	91.3	92.2	92.2	93.3	93.9	93.9	96.6	96.7	97.7	99.6
GE 300	77.4	81.4	84.8	86.4	89.8	90.3	91.4	92.3	92.3	93.6	94.2	94.2	96.9	97.0	98.1	99.9
GE 200	77.4	81.4	84.8	86.4	89.8	90.3	91.4	92.3	92.3	93.6	94.2	94.2	96.9	97.0	98.2	100.0
GE 100	77.4	81.4	84.8	86.4	89.8	90.3	91.4	92.3	92.3	93.6	94.2	94.2	96.9	97.0	98.2	100.0
GE 000	77.4	81.4	84.8	86.4	89.8	90.3	91.4	92.3	92.3	93.6	94.2	94.2	96.9	97.0	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	42.7	43.5	44.1	45.0	45.2	45.8	46.1	46.1	46.9	47.2	47.3	49.4	49.6	51.5	53.9
GE 20000	44.1	44.8	45.7	46.2	47.1	47.3	47.9	48.2	48.2	49.0	49.3	49.4	51.5	51.8	53.6	56.0
GE 18000	44.9	45.7	46.5	47.1	48.0	48.2	48.8	49.0	49.0	49.9	50.2	50.2	52.4	52.6	54.5	56.9
GE 16000	45.7	46.5	47.3	47.9	48.8	49.0	49.6	49.8	49.8	50.7	51.0	51.0	53.2	53.4	55.3	57.7
GE 14000	47.1	47.9	48.7	49.3	50.2	50.4	51.0	51.3	51.3	52.1	52.4	52.5	54.6	54.8	56.7	59.1
GE 12000	51.3	52.2	53.0	53.6	54.6	54.7	55.4	55.6	55.6	56.5	56.8	56.8	59.0	59.2	61.1	63.5
GE 10000	56.1	57.0	57.9	58.5	59.5	59.7	60.3	60.6	60.6	61.5	61.8	61.9	64.1	64.4	66.2	68.6
GE 9000	59.0	59.8	60.8	61.3	62.3	62.5	63.2	63.5	63.5	64.4	64.8	64.8	67.1	67.3	69.2	71.7
GE 8000	63.6	64.6	65.6	66.2	67.4	67.6	68.2	68.6	68.6	69.5	69.9	70.0	72.3	72.6	74.4	76.9
GE 7000	65.6	66.6	67.7	68.3	69.5	69.7	70.4	70.7	70.7	71.7	72.1	72.2	74.5	74.8	76.6	79.1
GE 6000	66.9	68.0	69.1	69.7	70.9	71.2	71.8	72.2	72.2	73.2	73.5	73.6	75.9	76.2	78.1	80.5
GE 5000	69.0	70.3	71.4	72.1	73.3	73.5	74.2	74.6	74.6	75.5	75.9	76.0	78.3	78.6	80.5	82.9
GE 4500	70.1	71.5	72.7	73.4	74.7	74.9	75.7	76.1	76.1	77.0	77.4	77.5	79.8	80.1	82.0	84.4
GE 4000	70.9	72.3	73.8	74.5	75.9	76.2	77.0	77.4	77.4	78.4	78.8	78.8	81.2	81.4	83.3	85.8
GE 3500	72.0	73.8	75.5	76.3	77.9	78.2	79.0	79.5	79.5	80.4	80.8	80.9	83.2	83.5	85.4	87.8
GE 3000	73.5	75.4	77.4	78.3	80.1	80.4	81.3	81.8	81.8	82.8	83.1	83.2	85.5	85.8	87.7	90.2
GE 2500	74.7	77.0	79.0	80.0	82.0	82.4	83.5	84.1	84.1	85.1	85.5	85.6	87.9	88.1	90.0	92.5
GE 2000	75.5	77.8	80.1	81.2	83.3	83.8	85.1	85.7	85.7	86.8	87.3	87.4	89.7	89.9	91.8	94.3
GE 1800	75.7	78.1	80.3	81.4	83.6	84.2	85.5	86.1	86.1	87.2	87.6	87.7	90.0	90.3	92.2	94.7
GE 1500	76.6	79.0	81.4	82.5	84.9	85.5	86.9	87.6	87.7	88.8	89.3	89.4	91.7	91.9	93.8	96.3
GE 1200	77.2	79.7	82.1	83.3	85.8	86.4	88.0	88.8	88.8	90.0	90.5	90.6	92.9	93.2	95.1	97.5
GE 1000	77.5	80.0	82.4	83.6	86.2	86.8	88.4	89.2	89.2	90.5	91.1	91.2	93.5	93.8	95.6	98.1
GE 900	77.6	80.2	82.6	83.8	86.4	87.0	88.6	89.4	89.4	90.7	91.3	91.4	93.7	94.0	95.9	98.3
GE 800	77.8	80.3	82.8	84.0	86.6	87.2	88.8	89.6	89.7	91.0	91.5	91.6	94.0	94.2	96.1	98.6
GE 700	77.9	80.5	82.9	84.1	86.7	87.3	89.0	89.8	89.8	91.1	91.7	91.8	94.1	94.4	96.3	98.7
GE 600	78.1	80.7	83.2	84.4	87.0	87.6	89.3	90.1	90.1	91.4	92.0	92.1	94.4	94.7	96.6	99.0
GE 500	78.2	80.8	83.4	84.5	87.1	87.8	89.5	90.3	90.4	91.7	92.3	92.4	94.7	95.0	96.9	99.4
GE 400	78.2	80.9	83.5	84.6	87.3	88.0	89.7	90.5	90.5	91.9	92.5	92.6	95.0	95.2	97.2	99.6
GE 300	78.2	80.9	83.5	84.7	87.3	88.0	89.8	90.6	90.6	92.0	92.6	92.7	95.1	95.4	97.3	99.8
GE 200	78.2	80.9	83.5	84.7	87.3	88.0	89.8	90.6	90.6	92.1	92.7	92.8	95.1	95.4	97.4	99.9
GE 100	78.2	80.9	83.5	84.7	87.3	88.1	89.8	90.7	90.7	92.1	92.7	92.8	95.2	95.4	97.4	100.0
GE 000	78.2	80.9	83.5	84.7	87.3	88.1	89.8	90.7	90.7	92.1	92.7	92.8	95.2	95.4	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7424



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.9	51.0	52.0	53.3	54.4	54.4	56.0	56.2	56.2	58.2	58.5	58.5	59.1	59.1	59.2	59.4
GE 20000	51.4	52.4	53.5	54.8	56.0	56.0	57.5	57.8	57.8	59.8	60.0	60.0	60.6	60.6	60.7	60.9
GE 18000	52.3	53.4	54.4	55.7	56.9	56.9	58.5	58.7	58.7	60.7	60.9	60.9	61.5	61.5	61.7	61.9
GE 16000	52.8	53.8	54.9	56.2	57.4	57.4	58.9	59.2	59.2	61.2	61.4	61.4	62.0	62.0	62.1	62.4
GE 14000	52.9	54.0	55.0	56.3	57.5	57.5	59.1	59.3	59.3	61.3	61.5	61.5	62.1	62.1	62.2	62.5
GE 12000	55.3	56.3	57.4	58.7	59.9	59.9	61.4	61.7	61.7	63.7	63.9	63.9	64.5	64.5	64.6	64.9
GE 10000	58.7	59.8	60.8	62.1	63.3	63.3	64.9	65.1	65.1	67.1	67.3	67.3	67.9	67.9	68.0	68.3
GE 9000	60.0	61.1	62.1	63.4	64.6	64.6	66.2	66.4	66.4	68.4	68.6	68.6	69.2	69.2	69.3	69.6
GE 8000	62.7	64.0	65.1	66.4	67.6	67.6	69.3	69.6	69.6	71.6	71.8	71.8	72.4	72.4	72.5	72.8
GE 7000	64.1	65.4	66.5	67.8	69.0	69.0	70.8	71.0	71.0	73.0	73.3	73.3	73.8	73.8	74.0	74.2
GE 6000	66.4	67.7	68.9	70.2	71.5	71.5	73.3	73.5	73.5	75.9	76.1	76.1	76.7	76.7	76.8	77.0
GE 5000	70.1	71.5	72.9	74.2	75.5	75.5	77.3	77.5	77.5	79.9	80.1	80.1	80.7	80.7	80.8	81.1
GE 4500	72.1	73.6	75.0	76.3	77.6	77.6	79.4	79.6	79.6	82.0	82.2	82.2	82.8	82.8	83.0	83.2
GE 4000	73.0	74.6	76.0	77.5	78.8	78.8	80.6	80.8	80.8	83.2	83.4	83.4	84.0	84.0	84.1	84.4
GE 3500	74.3	76.0	77.4	78.9	80.2	80.2	82.0	82.2	82.2	84.6	84.9	84.9	85.4	85.4	85.6	85.8
GE 3000	75.9	77.8	79.5	81.1	82.4	82.4	84.1	84.4	84.4	86.7	87.0	87.0	87.6	87.6	87.7	87.9
GE 2500	77.8	79.8	82.0	83.7	85.0	85.0	86.7	87.0	87.0	89.3	89.7	89.7	90.3	90.3	90.4	90.7
GE 2000	78.8	81.3	83.9	85.6	86.9	87.1	88.9	89.1	89.1	91.5	91.8	91.8	92.4	92.4	92.5	92.8
GE 1800	79.2	81.8	84.6	86.3	87.6	87.8	89.6	89.8	89.8	92.2	92.5	92.5	93.1	93.1	93.3	93.5
GE 1500	80.5	83.2	86.3	87.9	89.2	89.7	91.5	91.8	91.8	94.6	94.9	94.9	95.5	95.5	95.6	95.9
GE 1200	81.7	84.4	87.6	89.3	90.7	91.1	92.9	93.3	93.3	96.0	96.3	96.3	96.9	96.9	97.0	97.3
GE 1000	82.2	85.0	88.2	89.9	91.2	91.7	93.5	93.8	93.8	96.6	96.9	96.9	97.5	97.5	97.6	97.9
GE 900	82.5	85.2	88.4	90.2	91.5	92.0	93.7	94.1	94.1	96.8	97.2	97.2	97.9	97.9	98.0	98.2
GE 800	82.5	85.2	88.5	90.4	91.7	92.2	94.0	94.3	94.3	97.3	97.6	97.6	98.3	98.3	98.5	98.8
GE 700	82.5	85.3	88.6	90.5	91.8	92.3	94.1	94.4	94.4	97.5	97.9	97.9	98.6	98.6	98.7	99.1
GE 600	82.5	85.3	88.6	90.7	92.0	92.4	94.2	94.6	94.6	97.8	98.1	98.1	98.8	98.8	98.9	99.3
GE 500	82.5	85.3	88.8	90.8	92.1	92.5	94.3	94.8	94.8	98.0	98.3	98.3	99.1	99.1	99.2	99.5
GE 400	82.5	85.3	88.8	90.8	92.1	92.5	94.3	94.8	94.8	98.0	98.3	98.3	99.1	99.1	99.2	99.5
GE 300	82.5	85.3	88.8	90.8	92.1	92.5	94.4	94.9	94.9	98.1	98.5	98.5	99.3	99.3	99.4	99.8
GE 200	82.5	85.3	88.8	90.8	92.1	92.5	94.4	94.9	94.9	98.1	98.5	98.5	99.3	99.3	99.4	99.8
GE 100	82.5	85.3	88.8	90.8	92.1	92.5	94.4	94.9	94.9	98.1	98.5	98.5	99.5	99.5	99.6	100.0
GE 000	82.5	85.3	88.8	90.8	92.1	92.5	94.4	94.9	94.9	98.1	98.5	98.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.6	48.0	49.4	50.8	51.3	51.7	52.4	52.5	52.5	54.4	55.1	55.3	57.0	57.0	57.7	57.9
GE 20000	47.5	48.9	50.4	51.8	52.3	52.6	53.3	53.4	53.4	55.3	56.0	56.3	58.1	58.1	58.8	59.0
GE 18000	48.3	49.8	51.2	52.6	53.1	53.4	54.1	54.3	54.3	56.2	56.9	57.1	59.0	59.0	59.7	60.0
GE 16000	48.5	49.9	51.3	52.7	53.2	53.6	54.3	54.4	54.4	56.3	57.0	57.2	59.1	59.1	59.8	60.1
GE 14000	49.9	51.4	52.8	54.3	54.7	55.1	55.8	55.9	55.9	57.8	58.5	58.8	60.7	60.7	61.4	61.6
GE 12000	53.6	55.1	56.5	57.9	58.4	58.8	59.5	59.6	59.6	61.5	62.2	62.4	64.3	64.3	65.0	65.3
GE 10000	58.3	60.0	61.5	62.9	63.4	63.7	64.5	64.6	64.6	66.5	67.2	67.4	69.3	69.3	70.0	70.3
GE 9000	59.8	61.6	63.2	64.6	65.0	65.4	66.1	66.2	66.2	68.2	69.0	69.2	71.1	71.1	71.8	72.0
GE 8000	62.4	64.3	65.9	67.3	67.8	68.1	68.8	69.0	69.0	71.0	71.7	71.9	73.8	73.8	74.5	74.8
GE 7000	64.1	66.0	67.5	69.0	69.4	69.8	70.5	70.6	70.6	72.6	73.3	73.6	75.5	75.5	76.2	76.5
GE 6000	65.9	67.8	69.3	70.7	71.2	71.6	72.3	72.4	72.4	74.4	75.1	75.4	77.3	77.3	78.0	78.3
GE 5000	68.2	70.3	71.8	73.2	73.7	74.1	74.8	74.9	74.9	76.9	77.6	77.8	79.7	79.7	80.5	80.8
GE 4500	69.8	71.9	73.5	74.9	75.6	75.9	76.7	76.8	76.8	78.8	79.5	79.7	81.6	81.6	82.3	82.7
GE 4000	70.7	73.0	74.5	75.9	76.7	77.0	77.7	77.8	77.8	79.9	80.6	80.8	82.7	82.7	83.4	83.8
GE 3500	72.5	75.4	76.9	78.3	79.0	79.4	80.1	80.2	80.2	82.2	82.9	83.2	85.1	85.1	85.8	86.1
GE 3000	73.9	77.3	78.9	80.6	81.3	81.6	82.6	82.7	82.7	84.7	85.4	85.7	87.6	87.6	88.3	88.6
GE 2500	75.2	78.8	80.8	82.8	83.5	83.9	84.8	85.0	85.0	87.0	87.7	87.9	89.8	89.8	90.5	90.9
GE 2000	76.2	79.7	82.2	84.5	85.2	85.7	86.7	86.8	86.8	88.9	89.6	89.8	91.7	91.7	92.4	92.8
GE 1800	76.8	80.3	82.9	85.2	86.0	86.5	87.6	87.7	87.7	89.8	90.5	90.8	92.7	92.7	93.4	93.7
GE 1500	77.7	81.4	84.1	86.5	87.3	87.8	89.0	89.5	89.5	91.6	92.3	92.5	94.4	94.4	95.1	95.5
GE 1200	78.3	82.0	84.7	87.1	87.9	88.4	89.6	90.0	90.0	92.3	93.0	93.2	95.1	95.1	95.9	96.2
GE 1000	78.7	82.3	85.1	87.4	88.3	88.9	90.0	90.6	90.6	93.0	93.7	94.0	95.9	95.9	96.6	96.9
GE 900	79.0	82.7	85.4	87.8	88.6	89.2	90.4	91.0	91.0	93.4	94.1	94.3	96.2	96.2	96.9	97.4
GE 800	79.5	83.2	86.0	88.4	89.2	89.8	91.0	91.6	91.6	94.1	94.8	95.0	96.9	96.9	97.6	98.1
GE 700	79.9	83.8	86.8	89.2	90.0	90.6	91.8	92.4	92.4	94.9	95.6	95.9	97.7	97.7	98.5	98.9
GE 600	80.1	84.0	87.1	89.5	90.3	90.9	92.1	92.7	92.7	95.1	95.9	96.1	98.0	98.0	98.7	99.2
GE 500	80.1	84.0	87.1	89.6	90.4	91.0	92.2	92.8	92.8	95.4	96.1	96.3	98.2	98.2	99.1	99.5
GE 400	80.1	84.0	87.1	89.6	90.4	91.0	92.2	92.8	92.8	95.4	96.1	96.3	98.2	98.2	99.1	99.5
GE 300	80.1	84.0	87.1	89.6	90.4	91.0	92.2	92.8	92.8	95.5	96.2	96.4	98.3	98.3	99.2	99.6
GE 200	80.1	84.0	87.1	89.6	90.4	91.0	92.2	92.8	92.8	95.5	96.2	96.4	98.5	98.5	99.3	99.8
GE 100	80.2	84.1	87.2	89.7	90.5	91.1	92.3	92.9	92.9	95.6	96.3	96.6	98.6	98.6	99.5	100.0
GE 000	80.2	84.1	87.2	89.7	90.5	91.1	92.3	92.9	92.9	95.6	96.3	96.6	98.6	98.6	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 844

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	43.6	44.6	46.2	46.9	47.1	48.2	48.9	48.9	50.5	51.6	52.2	54.3	54.4	55.5	55.9
GE 20000	43.9	45.1	46.2	47.7	48.4	48.6	49.7	50.4	50.4	52.1	53.1	53.7	55.9	56.0	57.0	57.4
GE 18000	45.1	46.3	47.3	48.9	49.6	49.8	50.9	51.6	51.6	53.3	54.3	54.9	57.0	57.2	58.2	58.6
GE 16000	45.1	46.3	47.3	48.9	49.6	49.8	50.9	51.6	51.6	53.3	54.3	54.9	57.0	57.2	58.2	58.6
GE 14000	45.9	47.1	48.2	49.7	50.4	50.7	51.7	52.4	52.4	54.1	55.1	55.7	57.9	58.0	59.1	59.4
GE 12000	50.3	51.5	52.5	54.1	54.8	55.0	56.1	56.8	56.8	58.5	59.5	60.1	62.2	62.4	63.4	63.8
GE 10000	54.7	55.9	56.9	58.5	59.2	59.4	60.5	61.2	61.2	63.1	64.3	64.9	67.0	67.1	68.2	68.5
GE 9000	57.0	58.2	59.3	60.8	61.5	61.8	62.8	63.6	63.6	65.4	66.6	67.2	69.3	69.5	70.5	70.9
GE 8000	61.4	62.6	63.7	65.2	65.9	66.2	67.2	67.9	67.9	69.8	71.0	71.6	73.7	73.8	74.9	75.3
GE 7000	62.7	63.9	65.1	66.6	67.3	67.6	68.6	69.3	69.3	71.2	72.4	73.0	75.1	75.3	76.3	76.7
GE 6000	63.2	64.6	65.8	67.3	68.0	68.3	69.3	70.1	70.1	72.0	73.1	73.7	75.9	76.0	77.0	77.4
GE 5000	66.2	67.7	68.9	70.4	71.1	71.4	72.5	73.3	73.3	75.1	76.3	76.9	79.1	79.2	80.2	80.6
GE 4500	67.1	68.9	70.1	71.6	72.3	72.5	73.7	74.4	74.4	76.3	77.5	78.1	80.2	80.4	81.4	81.8
GE 4000	68.5	70.4	71.6	73.1	73.8	74.1	75.3	76.0	76.0	77.9	79.1	79.6	81.8	81.9	83.0	83.3
GE 3500	69.7	71.8	73.1	74.8	75.6	75.9	77.2	78.1	78.1	80.0	81.2	81.8	83.9	84.0	85.1	85.4
GE 3000	71.1	73.5	74.9	76.7	77.6	77.9	79.2	80.1	80.1	82.0	83.2	83.8	85.9	86.0	87.1	87.5
GE 2500	72.7	75.3	76.9	79.1	80.0	80.2	81.9	82.8	82.8	84.7	85.9	86.5	88.6	88.8	89.8	90.2
GE 2000	74.7	77.4	79.2	81.8	83.1	83.3	85.2	86.2	86.2	88.0	89.2	89.8	92.0	92.1	93.1	93.5
GE 1800	74.9	77.6	79.4	82.1	83.6	83.8	85.7	86.6	86.6	88.6	89.8	90.4	92.5	92.7	93.7	94.1
GE 1500	75.9	78.6	80.8	83.7	85.2	85.4	87.3	88.8	88.8	91.0	92.2	92.8	94.9	95.0	96.1	96.4
GE 1200	76.2	78.9	81.2	84.0	85.6	85.8	87.7	89.1	89.1	91.4	92.5	93.1	95.3	95.4	96.4	96.8
GE 1000	76.7	79.4	81.7	84.5	86.0	86.3	88.2	89.6	89.6	91.8	93.0	93.6	95.7	95.9	96.9	97.3
GE 900	77.0	79.8	82.0	84.9	86.4	86.6	88.5	89.9	89.9	92.2	93.4	94.0	96.1	96.2	97.3	97.6
GE 800	77.0	79.9	82.1	85.0	86.5	86.7	88.6	90.1	90.1	92.3	93.5	94.1	96.2	96.3	97.4	97.8
GE 700	77.0	79.9	82.1	85.0	86.5	87.0	88.9	90.3	90.3	92.5	93.7	94.3	96.4	96.6	97.6	98.0
GE 600	77.6	80.5	82.7	85.6	87.1	87.6	89.5	90.9	90.9	93.1	94.3	94.9	97.0	97.2	98.2	98.6
GE 500	78.0	80.8	83.1	85.9	87.5	87.9	89.8	91.2	91.2	93.6	94.8	95.4	97.5	97.6	98.7	99.1
GE 400	78.1	80.9	83.2	86.0	87.6	88.0	89.9	91.4	91.4	93.8	95.0	95.6	97.9	98.0	99.1	99.4
GE 300	78.1	80.9	83.2	86.0	87.6	88.0	89.9	91.4	91.4	93.8	95.0	95.6	97.9	98.0	99.1	99.4
GE 200	78.1	80.9	83.2	86.0	87.8	88.3	90.3	91.7	91.7	94.2	95.4	96.0	98.2	98.3	99.5	99.9
GE 100	78.1	80.9	83.2	86.0	87.8	88.3	90.3	91.7	91.7	94.2	95.4	96.0	98.2	98.3	99.6	100.0
GE 000	78.1	80.9	83.2	86.0	87.8	88.3	90.3	91.7	91.7	94.2	95.4	96.0	98.2	98.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.2	43.9	45.1	45.1	45.6	45.6	46.7	47.4	47.4	49.2	50.3	50.9	53.3	53.3	55.0	56.7
GE 20000	44.8	45.6	46.7	46.7	47.3	47.3	48.5	49.2	49.2	51.0	52.1	52.7	55.0	55.0	56.8	58.5
GE 18000	45.2	45.9	47.1	47.1	47.7	47.7	48.9	49.6	49.6	51.4	52.4	53.0	55.4	55.4	57.2	58.8
GE 16000	45.4	46.1	47.3	47.3	47.9	47.9	49.1	49.8	49.8	51.6	52.7	53.3	55.6	55.6	57.4	59.1
GE 14000	45.7	46.4	47.6	47.6	48.2	48.2	49.3	50.1	50.1	51.8	52.9	53.5	55.9	55.9	57.7	59.3
GE 12000	49.6	50.3	51.6	51.6	52.2	52.2	53.4	54.1	54.1	55.9	56.9	57.5	60.0	60.0	61.9	63.6
GE 10000	54.6	55.3	56.6	56.6	57.2	57.2	58.4	59.1	59.1	60.9	61.9	62.5	65.0	65.0	66.9	68.6
GE 9000	56.6	57.3	58.6	58.6	59.2	59.2	60.5	61.2	61.2	63.0	64.1	64.7	67.1	67.1	69.0	70.7
GE 8000	61.6	62.3	63.7	63.8	64.4	64.4	65.7	66.4	66.7	68.4	69.5	70.1	72.6	72.6	74.5	76.2
GE 7000	62.4	63.2	64.8	64.9	65.5	65.5	66.8	67.5	67.7	69.6	70.7	71.3	73.8	73.8	75.7	77.3
GE 6000	63.5	64.4	66.0	66.2	66.8	66.8	68.1	68.8	69.0	70.9	72.0	72.6	75.1	75.1	77.0	78.6
GE 5000	66.2	67.1	68.7	68.9	69.5	69.5	70.8	71.6	71.9	73.8	74.9	75.4	77.9	77.9	79.8	81.5
GE 4500	67.0	68.0	69.5	69.9	70.9	71.1	72.4	73.2	73.5	75.6	76.6	77.2	79.7	79.7	81.6	83.3
GE 4000	67.5	68.4	70.1	70.5	71.5	71.6	73.3	74.1	74.5	76.5	77.6	78.3	80.8	80.8	82.7	84.3
GE 3500	68.2	69.3	70.9	71.3	72.6	73.0	75.0	75.9	76.3	78.3	79.4	80.1	82.6	82.6	84.5	86.1
GE 3000	69.3	70.6	72.4	72.8	74.1	74.7	76.7	77.9	78.3	80.3	81.4	82.1	84.6	84.6	86.5	88.1
GE 2500	71.1	73.0	75.0	75.4	77.0	77.8	80.3	81.7	82.1	84.3	85.4	86.1	88.6	88.6	90.5	92.2
GE 2000	72.0	73.9	75.9	76.4	78.5	79.4	82.6	84.0	84.3	86.6	87.9	88.6	91.2	91.2	93.1	94.8
GE 1800	72.4	74.3	76.3	76.7	78.9	79.7	82.9	84.5	84.8	87.1	88.4	89.1	91.7	91.7	93.6	95.3
GE 1500	72.7	74.6	76.7	77.3	79.6	80.4	83.7	85.4	85.8	88.1	89.4	90.2	92.8	92.8	94.7	96.3
GE 1200	73.2	75.2	77.3	77.9	80.3	81.1	84.6	86.2	86.6	89.0	90.3	91.0	93.6	93.6	95.5	97.2
GE 1000	73.5	75.5	77.7	78.3	80.7	81.5	84.9	86.6	87.0	89.3	90.6	91.3	94.0	94.0	95.8	97.5
GE 900	73.5	75.6	77.7	78.3	80.8	81.6	85.1	86.7	87.1	89.4	90.7	91.5	94.1	94.1	96.0	97.6
GE 800	73.9	75.9	78.1	78.6	81.1	82.0	85.6	87.3	87.7	90.0	91.5	92.2	94.8	94.8	96.7	98.3
GE 700	73.9	75.9	78.1	78.6	81.1	82.0	85.8	87.5	87.9	90.3	91.7	92.4	95.0	95.0	96.9	98.6
GE 600	73.9	75.9	78.1	78.6	81.3	82.1	86.0	87.9	88.3	90.6	92.1	92.8	95.4	95.4	97.3	98.9
GE 500	73.9	75.9	78.1	78.6	81.3	82.1	86.0	87.9	88.3	90.9	92.3	93.0	95.8	95.8	97.7	99.4
GE 400	73.9	75.9	78.1	78.6	81.3	82.1	86.0	87.9	88.3	90.9	92.3	93.0	96.0	96.0	97.9	99.5
GE 300	74.0	76.0	78.2	78.8	81.4	82.2	86.1	88.0	88.4	91.1	92.5	93.2	96.3	96.3	98.2	99.9
GE 200	74.0	76.0	78.2	78.8	81.4	82.2	86.1	88.0	88.4	91.1	92.5	93.2	96.4	96.4	98.3	100.0
GE 100	74.0	76.0	78.2	78.8	81.4	82.2	86.1	88.0	88.4	91.1	92.5	93.2	96.4	96.4	98.3	100.0
GE 000	74.0	76.0	78.2	78.8	81.4	82.2	86.1	88.0	88.4	91.1	92.5	93.2	96.4	96.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.6	50.0	51.1	51.3	52.4	52.5	53.4	53.7	53.8	55.5	56.2	56.2	56.8	56.8	57.0	57.3
GE 20000	52.1	52.5	53.6	53.8	54.9	55.0	55.9	56.2	56.3	57.9	58.6	58.6	59.2	59.2	59.5	59.8
GE 18000	52.8	53.3	54.4	54.7	55.8	55.9	56.9	57.1	57.2	58.9	59.6	59.6	60.2	60.2	60.4	60.8
GE 16000	53.4	53.9	55.0	55.3	56.4	56.5	57.5	57.7	57.8	59.5	60.2	60.2	60.8	60.8	61.0	61.4
GE 14000	54.9	55.3	56.4	56.8	57.8	57.9	58.9	59.1	59.2	60.9	61.6	61.6	62.2	62.2	62.4	62.8
GE 12000	58.2	58.6	59.7	60.1	61.1	61.3	62.2	62.4	62.6	64.2	64.9	64.9	65.5	65.5	65.8	66.1
GE 10000	63.6	64.2	65.3	65.6	66.7	66.8	68.0	68.2	68.5	70.1	70.9	70.9	71.4	71.4	71.7	72.0
GE 9000	65.4	66.1	67.3	67.7	68.8	69.0	70.3	70.5	70.7	72.4	73.1	73.1	73.7	73.7	73.9	74.3
GE 8000	68.7	69.5	70.7	71.1	72.3	72.4	73.7	73.9	74.2	75.8	76.5	76.5	77.1	77.1	77.4	77.7
GE 7000	69.8	71.0	72.2	72.5	73.8	73.9	75.2	75.6	75.8	77.5	78.2	78.2	78.8	78.8	79.0	79.4
GE 6000	71.0	72.2	73.3	73.7	75.0	75.1	76.5	76.9	77.1	78.8	79.5	79.5	80.1	80.1	80.3	80.7
GE 5000	73.5	74.6	75.9	76.3	77.6	77.7	79.1	79.5	79.7	81.4	82.1	82.1	82.7	82.7	82.9	83.3
GE 4500	74.3	75.5	77.3	77.7	79.3	79.5	80.9	81.3	81.5	83.2	83.9	83.9	84.5	84.5	84.7	85.1
GE 4000	75.1	76.3	78.1	78.6	80.1	80.3	81.9	82.2	82.5	84.1	84.8	84.8	85.4	85.4	85.7	86.0
GE 3500	76.3	77.5	79.4	79.9	81.5	81.8	83.9	84.5	84.7	86.7	87.4	87.6	88.2	88.2	88.4	88.7
GE 3000	76.8	78.0	79.9	80.3	82.2	82.5	84.8	85.5	85.8	87.9	88.6	88.7	89.3	89.3	89.6	89.9
GE 2500	78.7	80.1	82.1	82.6	84.7	85.1	87.7	88.4	88.6	90.9	91.6	91.7	92.3	92.3	92.5	92.9
GE 2000	79.7	81.3	83.3	83.8	85.9	86.3	89.2	90.2	90.4	92.8	93.6	93.7	94.3	94.3	94.5	94.9
GE 1800	79.9	81.4	83.4	83.9	86.1	86.5	89.5	90.4	90.6	93.1	94.0	94.1	94.7	94.7	94.9	95.3
GE 1500	80.8	82.3	84.4	85.0	87.2	87.6	90.5	91.5	91.7	94.2	95.0	95.1	95.9	95.9	96.1	96.4
GE 1200	81.4	83.1	85.3	85.9	88.2	88.5	91.5	92.5	92.8	95.3	96.1	96.2	97.2	97.2	97.4	97.7
GE 1000	81.5	83.2	85.4	86.0	88.3	88.6	91.6	92.7	92.9	95.4	96.2	96.3	97.3	97.3	97.5	97.9
GE 900	81.5	83.2	85.4	86.0	88.3	88.6	91.6	92.7	92.9	95.4	96.2	96.3	97.3	97.3	97.5	97.9
GE 800	81.5	83.2	85.4	86.0	88.3	88.6	91.6	92.8	93.0	95.5	96.9	97.0	98.0	98.0	98.2	98.6
GE 700	81.5	83.2	85.4	86.0	88.3	88.6	91.6	92.8	93.0	95.5	97.0	97.2	98.1	98.1	98.3	98.7
GE 600	81.5	83.2	85.4	86.0	88.3	88.6	91.6	92.8	93.0	95.5	97.0	97.2	98.2	98.2	98.5	98.8
GE 500	81.5	83.2	85.4	86.0	88.4	88.7	91.7	92.9	93.1	95.7	97.4	97.5	99.3	99.3	99.5	99.9
GE 400	81.5	83.2	85.4	86.0	88.4	88.7	91.7	92.9	93.1	95.7	97.4	97.5	99.3	99.3	99.5	99.9
GE 300	81.5	83.2	85.4	86.0	88.4	88.7	91.8	93.0	93.2	95.9	97.5	97.6	99.4	99.4	99.6	100.0
GE 200	81.5	83.2	85.4	86.0	88.4	88.7	91.8	93.0	93.2	95.9	97.5	97.6	99.4	99.4	99.6	100.0
GE 100	81.5	83.2	85.4	86.0	88.4	88.7	91.8	93.0	93.2	95.9	97.5	97.6	99.4	99.4	99.6	100.0
GE 000	81.5	83.2	85.4	86.0	88.4	88.7	91.8	93.0	93.2	95.9	97.5	97.6	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 844

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.5	56.7	56.7	56.8	57.0	57.0	57.8	57.8	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 20000	60.0	60.1	60.1	60.2	60.5	60.5	61.3	61.3	61.3	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 18000	60.9	61.0	61.0	61.2	61.4	61.4	62.2	62.2	62.2	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 16000	61.4	61.5	61.5	61.6	61.9	61.9	62.7	62.7	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 14000	62.1	62.4	62.4	62.5	62.7	62.7	63.5	63.5	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	65.8	66.0	66.0	66.2	66.4	66.4	67.2	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	73.8	74.1	74.2	74.3	74.6	74.6	75.4	75.4	75.4	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 9000	75.3	75.7	75.9	76.0	76.4	76.4	77.2	77.2	77.2	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 8000	77.9	78.4	78.6	78.7	79.1	79.1	79.9	79.9	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	78.7	79.3	79.6	79.7	80.0	80.0	80.9	80.9	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 6000	80.4	81.2	81.5	81.6	81.9	81.9	82.8	82.8	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	82.2	83.0	83.3	83.4	83.8	83.8	84.7	84.7	84.7	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 4500	83.7	84.6	84.8	84.9	85.4	85.4	86.2	86.3	86.3	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000	84.6	85.5	85.7	85.9	86.5	86.5	87.4	87.5	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	85.5	86.7	86.9	87.1	87.8	87.8	89.0	89.2	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	86.1	87.3	87.5	87.6	88.4	88.6	90.4	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	86.9	88.1	88.4	88.5	89.7	89.9	91.9	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	87.6	89.0	89.2	89.3	90.5	91.0	93.6	93.8	93.9	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	87.9	89.2	89.5	89.7	90.9	91.3	94.1	94.3	94.4	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 1500	88.2	89.7	90.3	90.4	92.0	92.5	95.4	95.8	96.1	96.6	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	88.4	89.8	90.5	90.6	92.3	92.8	95.7	96.6	96.8	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	88.4	89.8	90.5	90.6	92.3	92.8	95.8	96.7	96.9	97.5	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	88.4	89.8	90.5	90.6	92.3	92.8	95.8	96.7	96.9	97.5	97.9	98.0	98.0	98.0	98.0	98.0
GE 800	88.4	89.8	90.5	90.6	92.3	92.8	95.8	96.7	96.9	97.6	98.2	98.3	98.3	98.3	98.3	98.3
GE 700	88.4	89.8	90.5	90.6	92.3	92.8	95.8	96.7	96.9	97.6	98.6	98.7	98.7	98.7	98.7	98.7
GE 600	88.4	89.8	90.5	90.6	92.3	92.8	95.8	96.7	96.9	97.6	98.6	98.7	98.9	99.0	99.0	99.0
GE 500	88.4	89.8	90.5	90.6	92.3	92.8	95.8	96.7	96.9	98.0	99.0	99.2	99.5	99.6	99.9	99.9
GE 400	88.5	89.9	90.6	90.7	92.4	92.9	96.0	96.8	97.0	98.1	99.2	99.3	99.6	99.8	100.0	100.0
GE 300	88.5	89.9	90.6	90.7	92.4	92.9	96.0	96.8	97.0	98.1	99.2	99.3	99.6	99.8	100.0	100.0
GE 200	88.5	89.9	90.6	90.7	92.4	92.9	96.0	96.8	97.0	98.1	99.2	99.3	99.6	99.8	100.0	100.0
GE 100	88.5	89.9	90.6	90.7	92.4	92.9	96.0	96.8	97.0	98.1	99.2	99.3	99.6	99.8	100.0	100.0
GE 000	88.5	89.9	90.6	90.7	92.4	92.9	96.0	96.8	97.0	98.1	99.2	99.3	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 842

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.3	53.4	54.2	54.6	54.7	54.7	54.9	55.0	55.0	55.9	55.9	55.9	55.9	55.9	55.9	56.1
GE 20000	56.7	56.8	57.7	58.0	58.1	58.1	58.4	58.5	58.5	59.3	59.3	59.3	59.3	59.3	59.3	59.5
GE 18000	58.7	58.8	59.7	60.0	60.1	60.1	60.4	60.5	60.5	61.3	61.3	61.3	61.3	61.3	61.3	61.6
GE 16000	59.9	60.0	60.9	61.2	61.3	61.3	61.6	61.7	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.8
GE 14000	60.4	60.5	61.3	61.7	61.8	61.8	62.0	62.2	62.2	63.0	63.0	63.0	63.0	63.0	63.0	63.2
GE 12000	62.6	62.8	63.6	63.9	64.1	64.1	64.3	64.4	64.4	65.2	65.2	65.2	65.2	65.2	65.2	65.5
GE 10000	67.9	68.0	69.2	69.5	69.6	69.6	69.9	70.0	70.0	70.8	70.8	70.8	70.8	70.8	70.8	71.1
GE 9000	70.5	70.6	71.8	72.1	72.2	72.2	72.5	72.6	72.6	73.4	73.4	73.4	73.4	73.4	73.4	73.7
GE 8000	74.1	74.3	75.4	75.8	75.9	75.9	76.2	76.3	76.3	77.1	77.1	77.1	77.1	77.1	77.1	77.3
GE 7000	75.4	75.6	77.1	77.5	77.6	77.6	77.8	77.9	77.9	78.8	78.8	78.8	78.8	78.8	78.8	79.0
GE 6000	77.3	77.5	79.0	79.4	79.5	79.5	79.7	79.8	79.8	80.7	80.7	80.7	80.7	80.7	80.7	80.9
GE 5000	80.8	80.9	82.4	82.8	82.9	82.9	83.2	83.3	83.3	84.1	84.1	84.1	84.1	84.1	84.1	84.3
GE 4500	82.1	82.2	83.9	84.2	84.3	84.3	84.6	84.7	84.7	85.5	85.5	85.5	85.5	85.5	85.5	85.8
GE 4000	82.9	83.0	84.8	85.2	85.3	85.3	85.5	85.6	85.6	86.5	86.6	86.6	86.6	86.6	86.6	86.8
GE 3500	83.6	83.9	85.8	86.1	86.5	86.5	86.7	86.8	86.8	87.7	87.8	87.8	87.8	87.8	87.8	88.0
GE 3000	84.3	84.6	86.6	87.0	87.4	87.4	87.8	87.9	87.9	88.7	89.1	89.1	89.1	89.1	89.1	89.3
GE 2500	85.6	86.1	88.3	88.7	89.3	89.3	90.0	90.2	90.2	91.1	91.5	91.5	91.5	91.5	91.5	91.7
GE 2000	86.7	87.5	89.9	90.7	91.5	91.9	92.6	92.8	92.8	93.7	94.4	94.4	94.4	94.4	94.4	94.7
GE 1800	87.3	88.1	90.6	91.5	92.3	92.8	93.6	93.7	93.7	94.7	95.4	95.4	95.4	95.4	95.4	95.6
GE 1500	88.0	89.1	91.8	92.6	93.8	94.3	95.4	95.5	95.5	96.4	97.2	97.2	97.2	97.2	97.2	97.4
GE 1200	88.3	89.3	92.1	92.9	94.2	94.7	95.8	96.3	96.3	97.3	98.0	98.0	98.0	98.0	98.0	98.2
GE 1000	88.4	89.4	92.2	93.0	94.3	94.8	96.0	96.4	96.4	97.4	98.1	98.1	98.1	98.1	98.1	98.3
GE 900	88.4	89.4	92.2	93.0	94.3	94.8	96.0	96.4	96.4	97.4	98.1	98.1	98.1	98.1	98.1	98.3
GE 800	88.4	89.4	92.2	93.0	94.3	94.8	96.0	96.4	96.4	97.4	98.1	98.1	98.1	98.1	98.1	98.3
GE 700	88.4	89.4	92.2	93.0	94.3	94.8	96.0	96.4	96.4	97.4	98.2	98.2	98.2	98.2	98.2	98.5
GE 600	88.5	89.6	92.3	93.2	94.5	95.0	96.3	96.8	96.8	97.9	98.7	98.7	99.1	99.1	99.1	99.3
GE 500	88.6	89.7	92.4	93.4	94.7	95.3	96.6	97.0	97.0	98.3	99.3	99.3	99.6	99.6	99.6	99.9
GE 400	88.6	89.7	92.4	93.4	94.7	95.3	96.6	97.0	97.0	98.3	99.3	99.3	99.6	99.6	99.6	99.9
GE 300	88.7	89.8	92.5	93.5	94.8	95.4	96.7	97.2	97.2	98.5	99.4	99.4	99.8	99.8	99.8	100.0
GE 200	88.7	89.8	92.5	93.5	94.8	95.4	96.7	97.2	97.2	98.5	99.4	99.4	99.8	99.8	99.8	100.0
GE 100	88.7	89.8	92.5	93.5	94.8	95.4	96.7	97.2	97.2	98.5	99.4	99.4	99.8	99.8	99.8	100.0
GE 000	88.7	89.8	92.5	93.5	94.8	95.4	96.7	97.2	97.2	98.5	99.4	99.4	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.7	53.9	55.3	56.6	58.1	58.2	58.4	58.4	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 20000	56.3	57.5	59.1	60.4	61.9	62.0	62.2	62.2	62.2	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 18000	57.8	59.0	60.5	61.8	63.3	63.5	63.6	63.6	63.6	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 16000	58.1	59.3	60.9	62.2	63.7	63.8	63.9	63.9	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 14000	58.1	59.3	60.9	62.2	63.7	63.8	63.9	63.9	63.9	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 12000	59.2	60.4	61.9	63.2	64.8	64.9	65.0	65.0	65.0	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 10000	62.8	63.9	65.5	66.8	68.3	68.4	68.6	68.6	68.6	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 9000	65.6	67.0	68.7	70.0	71.5	71.6	71.8	71.8	71.8	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	67.7	69.2	70.8	72.1	73.7	73.8	73.9	73.9	73.9	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 7000	69.8	71.3	73.0	74.3	75.8	75.9	76.0	76.0	76.0	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	71.9	73.7	75.3	76.6	78.2	78.3	78.4	78.4	78.4	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 5000	74.4	76.2	77.8	79.1	80.7	80.8	80.9	80.9	80.9	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	76.7	79.1	80.8	82.1	83.6	83.7	83.9	83.9	83.9	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	77.8	80.2	81.9	83.2	84.7	84.8	84.9	84.9	84.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	78.8	81.1	83.4	84.7	86.2	86.4	86.5	86.5	86.5	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	80.0	82.4	84.8	86.1	87.7	87.8	87.9	87.9	87.9	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	82.2	85.2	87.5	88.8	90.4	90.5	90.6	90.6	90.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	83.2	86.4	88.8	90.3	92.2	92.3	92.5	92.5	92.5	93.7	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	83.5	86.7	89.2	90.6	92.5	92.6	92.9	92.9	92.9	94.1	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	84.7	87.9	90.7	92.2	94.4	94.5	95.0	95.0	95.0	96.4	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	85.2	88.4	91.2	92.8	95.0	95.4	96.1	96.1	96.1	97.5	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	85.2	88.4	91.2	92.8	95.0	95.4	96.2	96.2	96.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	85.2	88.4	91.2	92.8	95.0	95.4	96.2	96.2	96.2	97.6	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	85.2	88.4	91.2	92.8	95.0	95.4	96.2	96.2	96.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	85.2	88.4	91.2	92.8	95.0	95.4	96.2	96.2	96.2	97.6	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	85.4	88.6	91.5	93.1	95.4	95.7	96.7	96.7	96.7	98.1	98.6	98.6	98.7	98.7	98.7	98.7
GE 500	85.8	89.0	91.8	93.5	95.7	96.1	97.0	97.0	97.0	98.6	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	85.8	89.1	91.9	93.7	96.0	96.3	97.3	97.3	97.3	98.8	99.3	99.3	99.4	99.4	99.4	99.4
GE 300	85.9	89.2	92.1	93.8	96.1	96.4	97.4	97.4	97.4	98.9	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	85.9	89.2	92.1	93.8	96.1	96.4	97.5	97.5	97.5	99.2	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	85.9	89.2	92.1	93.8	96.1	96.4	97.5	97.5	97.5	99.2	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	85.9	89.2	92.1	93.8	96.1	96.4	97.5	97.5	97.5	99.2	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 843



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.3	50.0	51.0	51.8	52.5	52.6	53.5	53.7	53.8	55.1	55.6	55.8	56.7	56.7	57.2	57.6
GE 20000	51.6	52.4	53.4	54.2	54.9	55.0	55.8	56.1	56.1	57.5	58.0	58.2	59.1	59.1	59.6	60.0
GE 18000	52.6	53.4	54.5	55.3	56.0	56.1	56.9	57.2	57.2	58.6	59.1	59.2	60.2	60.2	60.7	61.1
GE 16000	53.1	53.9	54.9	55.7	56.4	56.5	57.4	57.6	57.6	59.0	59.5	59.7	60.6	60.6	61.1	61.5
GE 14000	53.7	54.5	55.6	56.4	57.1	57.2	58.0	58.3	58.3	59.7	60.2	60.3	61.3	61.3	61.8	62.2
GE 12000	56.8	57.6	58.7	59.5	60.2	60.3	61.1	61.4	61.4	62.8	63.3	63.4	64.4	64.4	64.9	65.3
GE 10000	61.8	62.6	63.7	64.5	65.3	65.4	66.2	66.5	66.5	68.0	68.4	68.6	69.6	69.6	70.1	70.5
GE 9000	63.8	64.7	65.8	66.6	67.4	67.5	68.4	68.7	68.7	70.1	70.6	70.8	71.8	71.8	72.3	72.7
GE 8000	67.1	68.1	69.2	70.1	70.8	70.9	71.8	72.1	72.2	73.6	74.1	74.3	75.2	75.2	75.7	76.1
GE 7000	68.4	69.5	70.7	71.5	72.3	72.4	73.3	73.6	73.7	75.1	75.6	75.8	76.7	76.8	77.3	77.7
GE 6000	69.9	71.1	72.4	73.2	74.0	74.1	75.0	75.3	75.4	76.9	77.4	77.6	78.5	78.5	79.0	79.4
GE 5000	72.7	73.9	75.2	76.0	76.9	77.0	77.9	78.2	78.3	79.8	80.2	80.4	81.4	81.4	81.9	82.3
GE 4500	74.1	75.5	76.8	77.7	78.6	78.8	79.7	80.0	80.1	81.6	82.1	82.3	83.2	83.3	83.8	84.2
GE 4000	75.0	76.4	77.8	78.7	79.7	79.8	80.8	81.1	81.2	82.7	83.2	83.4	84.4	84.4	84.9	85.3
GE 3500	76.1	77.7	79.2	80.1	81.2	81.3	82.5	82.9	83.0	84.6	85.1	85.3	86.2	86.3	86.8	87.2
GE 3000	77.2	78.9	80.6	81.5	82.6	82.9	84.2	84.6	84.7	86.3	86.8	87.0	88.0	88.0	88.5	88.9
GE 2500	78.8	80.8	82.6	83.7	84.9	85.2	86.8	87.2	87.3	88.9	89.5	89.7	90.7	90.7	91.2	91.6
GE 2000	79.9	82.1	84.1	85.3	86.7	87.1	88.9	89.4	89.5	91.2	91.9	92.1	93.1	93.1	93.6	94.0
GE 1800	80.2	82.4	84.5	85.7	87.2	87.6	89.5	90.0	90.1	91.8	92.5	92.7	93.7	93.7	94.2	94.6
GE 1500	81.1	83.3	85.6	86.9	88.6	89.0	91.0	91.7	91.8	93.6	94.3	94.5	95.5	95.5	96.0	96.4
GE 1200	81.6	83.9	86.2	87.6	89.3	89.7	91.7	92.5	92.6	94.5	95.2	95.4	96.4	96.5	97.0	97.4
GE 1000	81.8	84.1	86.5	87.8	89.5	90.0	92.0	92.8	92.9	94.8	95.6	95.8	96.8	96.8	97.3	97.7
GE 900	81.9	84.2	86.6	87.9	89.6	90.1	92.2	93.0	93.1	95.0	95.7	95.9	96.9	97.0	97.5	97.9
GE 800	82.0	84.4	86.8	88.1	89.8	90.3	92.4	93.2	93.3	95.2	96.1	96.3	97.3	97.4	97.9	98.3
GE 700	82.1	84.5	86.9	88.2	89.9	90.4	92.5	93.3	93.5	95.4	96.4	96.6	97.6	97.6	98.1	98.6
GE 600	82.2	84.6	87.0	88.4	90.1	90.6	92.8	93.6	93.7	95.7	96.7	96.9	98.0	98.0	98.5	99.0
GE 500	82.3	84.7	87.1	88.5	90.3	90.8	92.9	93.8	93.9	96.1	97.0	97.3	98.5	98.6	99.1	99.5
GE 400	82.4	84.8	87.2	88.6	90.3	90.9	93.0	93.9	94.0	96.1	97.1	97.3	98.6	98.7	99.2	99.6
GE 300	82.4	84.8	87.2	88.7	90.4	90.9	93.1	93.9	94.0	96.2	97.2	97.4	98.8	98.8	99.3	99.8
GE 200	82.4	84.8	87.2	88.7	90.4	90.9	93.1	94.0	94.1	96.3	97.3	97.5	98.9	98.9	99.5	99.9
GE 100	82.4	84.8	87.2	88.7	90.4	90.9	93.1	94.0	94.1	96.3	97.3	97.5	98.9	99.0	99.6	100.0
GE 000	82.4	84.8	87.2	88.7	90.4	90.9	93.1	94.0	94.1	96.3	97.3	97.5	98.9	99.0	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 6749

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 12000	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 10000	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 8000	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 6000	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 5000	87.6	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	88.8	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 4000	90.1	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	91.3	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	92.7	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	93.1	93.7	94.2	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	94.5	95.4	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	94.6	95.6	96.2	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	94.9	95.9	96.7	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	95.1	96.3	97.3	97.5	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	95.4	96.5	97.5	97.7	98.1	98.5	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	95.4	96.5	97.5	97.7	98.1	98.5	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	95.7	96.9	97.8	98.1	98.4	98.8	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	95.8	97.0	98.0	98.2	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	95.8	97.0	98.0	98.2	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	95.8	97.0	98.0	98.3	98.6	99.0	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	95.9	97.1	98.1	98.4	98.7	99.1	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	95.9	97.1	98.1	98.4	98.7	99.1	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	95.9	97.1	98.1	98.4	98.7	99.1	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 100	95.9	97.1	98.1	98.4	98.7	99.1	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 000	95.9	97.1	98.1	98.4	98.7	99.1	99.5	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 20000	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 18000	64.5	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	64.7	64.8	64.9	64.9	64.9	64.9	64.9	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 14000	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	79.9	80.0	80.1	80.1	80.1	80.1	80.2	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 7000	83.0	83.1	83.2	83.3	83.3	83.3	83.4	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	84.8	84.9	85.1	85.2	85.2	85.2	85.3	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	86.6	86.8	87.0	87.1	87.1	87.1	87.2	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	87.7	88.1	88.3	88.4	88.4	88.4	88.5	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4000	88.7	89.1	89.8	89.9	89.9	89.9	90.0	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3500	90.6	91.2	91.8	91.9	91.9	91.9	92.0	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	91.7	92.7	93.5	93.7	93.7	93.7	93.8	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 2500	92.0	93.3	94.7	95.1	95.1	95.1	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	92.7	94.4	96.0	96.6	96.6	96.6	96.7	96.8	97.0	97.0	97.2	97.2	97.2	97.3	97.3	97.3
GE 1800	92.7	94.5	96.2	96.8	96.8	96.8	96.9	97.0	97.2	97.2	97.4	97.4	97.4	97.5	97.5	97.5
GE 1500	92.9	94.8	96.7	97.3	97.4	97.5	97.6	97.8	97.8	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1200	93.1	95.1	96.9	97.5	97.7	98.1	98.2	98.4	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 1000	93.4	95.4	97.2	97.8	98.3	98.6	98.8	99.0	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 900	93.5	95.5	97.3	98.0	98.4	98.7	98.9	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 800	93.5	95.6	97.4	98.1	98.5	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 700	93.5	95.6	97.4	98.1	98.5	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 600	93.5	95.6	97.4	98.1	98.5	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	93.5	95.6	97.4	98.1	98.5	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	93.5	95.6	97.4	98.1	98.5	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.7
GE 300	93.5	95.7	97.6	98.3	98.7	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9
GE 200	93.5	95.7	97.6	98.3	98.7	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.9
GE 100	93.5	95.7	97.6	98.3	98.7	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0
GE 000	93.5	95.7	97.6	98.3	98.7	99.0	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 20000	63.5	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 18000	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 16000	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 14000	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 8000	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 7000	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 6000	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	86.9	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4500	87.8	87.9	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4000	88.5	88.6	88.8	88.8	89.0	89.1	89.1	89.1	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3500	90.1	90.4	90.8	90.9	91.2	91.3	91.4	91.4	91.4	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	90.8	91.3	91.8	92.1	92.4	92.6	92.7	92.7	92.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	92.1	92.8	93.5	94.1	94.5	94.6	94.9	94.9	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	93.3	94.0	94.8	95.4	95.8	96.0	96.5	96.5	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	93.4	94.1	94.9	95.5	96.0	96.3	96.9	96.9	96.9	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	93.4	94.3	95.3	95.9	96.4	96.8	97.3	97.4	97.4	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1200	93.6	94.5	95.5	96.2	96.8	97.1	97.6	97.7	97.7	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 1000	93.9	94.7	95.7	96.4	97.0	97.3	97.8	98.0	98.0	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 900	94.2	95.0	96.0	96.8	97.3	97.6	98.2	98.3	98.3	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 800	94.3	95.1	96.1	96.9	97.4	97.7	98.3	98.4	98.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 700	94.3	95.3	96.2	97.0	97.5	97.8	98.4	98.5	98.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 600	94.3	95.3	96.2	97.0	97.5	97.8	98.4	98.5	98.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	94.5	95.5	96.4	97.2	97.7	98.1	98.6	98.7	98.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	94.5	95.5	96.4	97.2	97.7	98.1	98.6	98.7	98.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 300	94.5	95.5	96.4	97.2	97.8	98.2	98.7	98.8	98.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	94.5	95.5	96.4	97.2	97.8	98.2	98.7	98.8	98.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	94.5	95.5	96.4	97.2	97.8	98.2	98.7	98.8	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	94.5	95.5	96.4	97.2	97.8	98.2	98.7	98.8	98.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.3	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.8	66.1
GE 20000	67.9	68.0	68.0	68.0	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.6
GE 18000	68.5	68.6	68.6	68.6	68.6	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.3
GE 16000	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.6	69.8
GE 14000	70.4	70.5	70.5	70.5	70.5	70.5	70.7	70.7	70.7	70.8	70.8	70.8	70.9	70.9	70.9	71.1
GE 12000	73.7	73.8	73.8	73.9	73.9	73.9	74.1	74.1	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.6
GE 10000	76.0	76.1	76.1	76.2	76.2	76.2	76.4	76.4	76.4	76.5	76.5	76.5	76.6	76.6	76.6	76.8
GE 9000	77.8	77.9	77.9	78.0	78.0	78.0	78.2	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.7
GE 8000	81.8	82.0	82.0	82.1	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.8
GE 7000	84.3	84.5	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.2
GE 6000	85.8	86.1	86.1	86.2	86.3	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7	86.7	87.0
GE 5000	88.1	88.6	88.7	88.8	89.0	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.8
GE 4500	89.3	90.0	90.2	90.3	90.5	90.6	90.9	90.9	90.9	91.1	91.1	91.1	91.2	91.2	91.2	91.4
GE 4000	90.9	91.6	91.8	91.9	92.1	92.2	92.6	92.6	92.6	92.7	92.7	92.7	92.8	92.8	92.8	93.0
GE 3500	91.9	92.7	92.9	93.0	93.3	93.5	94.0	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.4
GE 3000	92.0	92.8	93.0	93.2	93.8	94.4	95.0	95.0	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.5
GE 2500	92.5	93.4	93.6	93.9	94.4	95.0	95.7	95.7	95.7	95.8	95.8	95.8	95.9	95.9	95.9	96.1
GE 2000	93.0	94.0	94.3	94.5	95.3	95.9	96.6	96.7	96.7	96.9	96.9	96.9	97.0	97.0	97.0	97.2
GE 1800	93.1	94.1	94.4	94.6	95.4	96.0	96.7	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.3
GE 1500	93.2	94.2	94.5	94.7	95.6	96.2	97.3	97.5	97.5	97.8	97.8	97.8	98.0	98.0	98.0	98.2
GE 1200	93.3	94.3	94.6	94.8	95.7	96.3	97.4	97.6	97.6	98.0	98.0	98.0	98.1	98.1	98.1	98.3
GE 1000	93.4	94.4	94.7	94.9	95.8	96.4	97.5	97.7	97.7	98.4	98.5	98.5	98.6	98.6	98.6	98.8
GE 900	93.8	94.7	95.0	95.3	96.1	96.8	97.8	98.1	98.1	98.7	98.8	98.8	98.9	98.9	98.9	99.1
GE 800	93.8	94.7	95.0	95.3	96.1	96.8	97.8	98.1	98.1	98.7	98.8	98.8	99.0	99.0	99.0	99.2
GE 700	93.8	94.7	95.0	95.3	96.1	96.8	97.8	98.1	98.1	98.7	98.8	98.8	99.0	99.0	99.0	99.2
GE 600	93.8	94.7	95.0	95.3	96.1	96.8	97.8	98.1	98.1	98.7	98.8	98.8	99.0	99.0	99.0	99.2
GE 500	93.8	94.8	95.2	95.4	96.2	96.9	98.0	98.2	98.2	98.8	98.9	98.9	99.1	99.1	99.1	99.5
GE 400	93.9	94.9	95.3	95.5	96.3	97.0	98.1	98.3	98.3	98.9	99.0	99.0	99.2	99.2	99.2	99.6
GE 300	93.9	95.0	95.4	95.6	96.4	97.1	98.2	98.4	98.4	99.0	99.1	99.1	99.4	99.4	99.4	99.7
GE 200	93.9	95.0	95.4	95.6	96.4	97.1	98.3	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.6	99.9
GE 100	93.9	95.0	95.4	95.6	96.4	97.1	98.3	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.7	100.0
GE 000	93.9	95.0	95.4	95.6	96.4	97.1	98.3	98.5	98.5	99.2	99.4	99.4	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 20000	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 18000	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 14000	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 12000	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 9000	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 8000	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 7000	88.4	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 6000	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 5000	90.2	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 4500	91.8	92.1	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000	92.8	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	93.1	93.4	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3000	94.0	94.3	94.7	94.7	94.8	94.8	94.8	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	95.0	95.4	95.8	95.8	95.9	96.0	96.0	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	95.9	96.3	96.8	96.8	97.0	97.1	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	95.9	96.3	96.8	96.8	97.1	97.2	97.3	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	96.2	96.7	97.1	97.1	97.6	97.7	97.8	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	96.3	96.8	97.2	97.2	97.7	97.8	98.1	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	96.3	96.8	97.2	97.2	97.7	97.8	98.1	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	96.4	96.9	97.3	97.3	97.8	97.9	98.2	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.4	96.9	97.3	97.3	97.8	97.9	98.2	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.4	96.9	97.3	97.3	97.8	97.9	98.2	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.4	96.9	97.3	97.3	97.8	97.9	98.2	98.9	98.9	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.5	97.0	97.4	97.4	98.1	98.2	98.4	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	96.5	97.0	97.4	97.4	98.1	98.2	98.4	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	96.5	97.0	97.4	97.4	98.1	98.2	98.4	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	96.5	97.0	97.4	97.4	98.1	98.2	98.4	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	96.5	97.0	97.4	97.4	98.1	98.2	98.4	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	96.5	97.0	97.4	97.4	98.1	98.2	98.4	99.1	99.1	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.0	70.0	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 20000	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 18000	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 16000	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	78.8	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 10000	81.1	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 9000	82.8	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 8000	84.8	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	86.9	87.0	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 6000	88.3	88.4	88.6	88.6	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	89.3	89.7	90.1	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 4500	91.1	91.4	91.9	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 4000	92.0	92.3	92.9	92.9	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3500	92.6	92.9	93.4	93.4	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	93.5	93.9	94.5	94.5	94.8	94.8	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	94.3	94.6	95.3	95.3	95.6	95.7	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	95.6	95.9	96.6	96.6	96.9	97.0	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	95.6	95.9	96.6	96.6	96.9	97.0	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	96.1	96.4	97.1	97.1	97.6	97.7	98.6	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	96.1	96.4	97.1	97.1	97.6	97.7	98.8	99.6	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 20000	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 18000	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 14000	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 12000	74.1	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 10000	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 9000	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 8000	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 6000	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 5000	89.5	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4500	91.6	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000	92.0	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 3500	92.9	93.4	93.5	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	94.0	94.5	94.6	94.7	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	94.7	95.4	95.5	95.7	96.5	96.5	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	95.7	96.5	96.6	96.8	97.6	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	95.7	96.5	96.6	96.8	97.6	97.7	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	95.9	96.8	96.9	97.1	98.0	98.1	98.5	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.5	97.3	97.4	97.6	98.5	98.7	99.2	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 20000	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 18000	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 14000	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 12000	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 10000	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 9000	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 8000	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 6000	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 4500	89.3	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	91.9	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	94.1	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	94.9	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	95.7	96.4	96.8	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	95.9	96.7	97.0	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	96.1	96.9	97.2	97.4	97.4	97.7	97.7	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	96.7	97.4	97.8	98.2	98.4	98.8	98.8	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	97.1	97.8	98.3	98.6	98.9	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.1	97.8	98.3	98.6	98.9	99.4	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.2	98.0	98.4	98.7	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.2	98.0	98.4	98.7	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.2	98.0	98.4	98.7	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.2	98.0	98.4	98.7	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.2	98.0	98.4	98.7	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	97.2	98.0	98.4	98.7	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	97.2	98.0	98.4	98.7	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	97.2	98.0	98.4	98.7	99.0	99.5	99.5	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 000	97.3	98.1	98.5	98.8	99.1	99.6	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.0	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
GE 20000	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.4
GE 16000	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 14000	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.9	70.9	70.9	70.9
GE 12000	74.1	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5
GE 10000	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 9000	78.6	78.7	78.8	78.8	78.8	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 8000	81.8	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3
GE 7000	84.5	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 6000	86.1	86.3	86.3	86.4	86.4	86.4	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.7
GE 5000	88.2	88.5	88.7	88.7	88.8	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4500	89.7	90.1	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.7
GE 4000	90.7	91.1	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8
GE 3500	91.8	92.3	92.6	92.6	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.2
GE 3000	92.8	93.4	93.8	93.9	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 2500	93.6	94.3	94.8	95.0	95.3	95.4	95.7	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	94.5	95.4	96.0	96.2	96.5	96.7	97.0	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	94.6	95.4	96.1	96.3	96.7	96.9	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	94.9	95.7	96.4	96.7	97.2	97.4	97.8	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 1200	95.1	96.0	96.7	97.0	97.5	97.9	98.3	98.7	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 1000	95.3	96.2	96.9	97.2	97.7	98.1	98.5	98.9	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 900	95.4	96.3	97.0	97.3	97.8	98.2	98.6	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	95.4	96.4	97.1	97.4	97.9	98.2	98.7	99.1	99.1	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 700	95.4	96.4	97.1	97.4	98.0	98.3	98.7	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.7
GE 600	95.4	96.4	97.1	97.4	98.0	98.3	98.7	99.1	99.1	99.5	99.6	99.6	99.6	99.6	99.6	99.7
GE 500	95.5	96.4	97.2	97.5	98.0	98.4	98.8	99.2	99.2	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 400	95.5	96.5	97.2	97.5	98.1	98.4	98.9	99.2	99.2	99.7	99.7	99.7	99.8	99.8	99.8	99.9
GE 300	95.5	96.5	97.2	97.5	98.1	98.4	98.9	99.3	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 200	95.5	96.5	97.2	97.5	98.1	98.4	98.9	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	95.5	96.5	97.2	97.5	98.1	98.4	98.9	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	95.5	96.5	97.2	97.5	98.1	98.5	99.0	99.3	99.3	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7424

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 20000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 14000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 12000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 10000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 9000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 7000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 6000	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	86.6	86.6	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4500	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4000	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	93.0	93.0	93.2	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	93.8	93.9	94.3	94.7	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	94.6	94.8	95.2	95.6	96.3	96.3	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	94.7	94.9	95.3	95.9	96.7	96.7	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	94.9	95.3	95.8	96.4	97.2	97.2	97.7	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	95.6	96.0	96.4	97.3	98.1	98.1	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.6
GE 400	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.7	99.8
GE 300	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.8	99.9
GE 200	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.8	99.9
GE 100	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.8	100.0
GE 000	95.8	96.2	96.7	97.6	98.3	98.3	98.9	99.0	99.0	99.4	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
GE 20000	63.4	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1
GE 18000	63.5	64.0	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2
GE 16000	63.8	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
GE 14000	64.7	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4
GE 12000	68.7	69.2	69.2	69.2	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.4
GE 10000	71.1	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
GE 9000	74.4	74.9	75.0	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3
GE 8000	78.9	79.3	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8
GE 7000	81.4	81.9	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.3
GE 6000	82.2	82.6	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.1
GE 5000	85.4	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3
GE 4500	88.1	88.9	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4
GE 4000	89.9	90.7	90.9	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
GE 3500	91.5	92.3	92.5	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9
GE 3000	92.4	93.2	93.4	93.4	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9
GE 2500	93.2	94.1	94.4	94.4	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0
GE 2000	93.8	94.8	95.1	95.2	95.6	95.6	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2
GE 1800	94.2	95.3	95.7	95.8	96.2	96.2	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9
GE 1500	94.8	96.0	96.3	96.6	97.0	97.0	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.7	97.7
GE 1200	95.3	96.6	96.9	97.2	97.7	97.7	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	98.3
GE 1000	95.4	96.7	97.1	97.4	97.9	97.9	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.8	98.8
GE 900	95.4	96.7	97.1	97.4	97.9	97.9	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.8	98.8
GE 800	95.4	96.7	97.1	97.4	97.9	97.9	98.3	98.4	98.4	98.4	98.7	98.7	98.9	98.9	99.0	99.0
GE 700	95.4	96.7	97.1	97.4	97.9	97.9	98.3	98.4	98.4	98.4	98.7	98.7	98.9	98.9	99.0	99.0
GE 600	95.4	96.7	97.1	97.4	97.9	97.9	98.3	98.4	98.4	98.4	98.7	98.7	98.9	98.9	99.0	99.0
GE 500	95.4	96.7	97.1	97.4	97.9	97.9	98.3	98.4	98.4	98.4	98.7	98.7	98.9	98.9	99.0	99.0
GE 400	95.4	96.7	97.1	97.4	97.9	97.9	98.3	98.7	98.7	98.7	98.9	98.9	99.2	99.2	99.3	99.3
GE 300	95.4	96.7	97.1	97.6	98.0	98.0	98.4	98.8	98.8	98.8	99.0	99.0	99.3	99.3	99.4	99.4
GE 200	95.4	96.7	97.1	97.8	98.2	98.2	98.7	99.0	99.0	99.0	99.2	99.2	99.7	99.7	99.9	100.0
GE 100	95.4	96.7	97.1	97.8	98.2	98.2	98.7	99.0	99.0	99.0	99.2	99.2	99.7	99.7	99.9	100.0
GE 000	95.4	96.7	97.1	97.8	98.2	98.2	98.7	99.0	99.0	99.0	99.2	99.2	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 20000	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 18000	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 16000	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 14000	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 12000	66.1	66.1	66.1	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 10000	67.7	67.7	67.7	67.7	67.7	67.7	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 9000	71.6	71.7	71.7	71.7	71.7	71.7	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2
GE 8000	77.2	77.3	77.3	77.3	77.3	77.3	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8
GE 7000	80.1	80.2	80.3	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8
GE 6000	82.1	82.2	82.3	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8
GE 5000	85.5	85.7	85.9	85.9	85.9	85.9	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
GE 4500	87.1	87.2	87.4	87.4	87.4	87.4	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.9
GE 4000	89.1	89.2	89.5	89.5	89.5	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
GE 3500	90.9	91.2	91.5	91.5	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1
GE 3000	92.7	93.1	93.4	93.4	93.5	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
GE 2500	93.2	93.7	94.3	94.3	94.7	94.7	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
GE 2000	94.1	94.5	95.2	95.3	95.7	95.7	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
GE 1800	94.1	94.5	95.2	95.3	95.8	95.8	96.3	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.7
GE 1500	94.4	94.9	95.8	95.9	96.4	96.4	97.0	97.1	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.7
GE 1200	94.7	95.1	96.0	96.1	96.8	96.8	97.4	97.6	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.1
GE 1000	94.7	95.1	96.0	96.1	96.8	96.8	97.4	97.6	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.1
GE 900	95.0	95.4	96.3	96.4	97.1	97.1	97.8	97.9	97.9	98.0	98.2	98.2	98.3	98.3	98.3	98.4
GE 800	95.0	95.4	96.3	96.4	97.1	97.1	97.9	98.0	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.6
GE 700	95.0	95.4	96.3	96.4	97.1	97.1	97.9	98.0	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.6
GE 600	95.0	95.4	96.3	96.4	97.1	97.1	97.9	98.0	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.6
GE 500	95.0	95.4	96.4	96.6	97.2	97.2	98.0	98.1	98.1	98.2	98.4	98.4	98.7	98.7	98.7	98.8
GE 400	95.0	95.4	96.4	96.6	97.2	97.2	98.0	98.2	98.2	98.3	98.6	98.6	98.8	98.8	98.8	98.9
GE 300	95.2	95.7	96.7	96.8	97.4	97.4	98.6	98.9	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.8
GE 200	95.2	95.7	96.7	96.8	97.4	97.4	98.6	98.9	98.9	99.2	99.4	99.4	99.7	99.7	99.7	99.8
GE 100	95.2	95.7	96.7	96.8	97.4	97.4	98.6	98.9	98.9	99.2	99.4	99.4	99.7	99.7	99.8	100.0
GE 000	95.2	95.7	96.7	96.8	97.4	97.4	98.6	98.9	98.9	99.2	99.4	99.4	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 20000	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 18000	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	66.7	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 12000	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 10000	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 9000	76.4	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 8000	79.9	80.1	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	83.0	83.2	83.3	83.3	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 6000	84.5	84.8	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000	86.1	86.3	86.4	86.5	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 4500	87.2	87.4	87.7	87.8	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000	87.9	88.1	88.3	88.4	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	89.9	90.2	90.4	90.5	91.1	91.1	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3000	90.4	90.9	91.1	91.2	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	91.4	92.0	92.3	92.5	93.2	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	92.4	93.0	93.4	93.7	94.3	94.4	95.0	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	92.8	93.3	93.8	94.0	94.7	94.8	95.6	95.6	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	93.2	93.8	94.2	94.4	95.1	95.2	96.0	96.0	96.0	96.2	96.6	96.6	96.6	96.6	96.6	96.6
GE 1200	93.9	94.4	94.9	95.1	95.8	95.9	96.8	96.8	96.8	97.0	97.3	97.3	97.4	97.4	97.4	97.4
GE 1000	94.2	94.8	95.2	95.4	96.1	96.2	97.1	97.1	97.1	97.4	97.8	97.8	97.9	97.9	97.9	97.9
GE 900	94.4	95.0	95.4	95.7	96.3	96.4	97.3	97.3	97.3	97.7	98.0	98.0	98.2	98.2	98.2	98.2
GE 800	94.5	95.2	95.7	95.9	96.6	96.7	97.6	97.6	97.6	97.9	98.2	98.2	98.4	98.4	98.4	98.4
GE 700	94.8	95.4	95.9	96.1	96.8	96.9	97.8	97.8	97.8	98.1	98.4	98.4	98.7	98.7	98.7	98.7
GE 600	94.9	95.7	96.1	96.3	97.0	97.1	98.0	98.0	98.0	98.3	98.7	98.7	98.9	98.9	98.9	98.9
GE 500	95.1	95.9	96.4	96.7	97.4	97.6	98.4	98.4	98.4	98.8	99.1	99.1	99.3	99.3	99.3	99.3
GE 400	95.1	95.9	96.4	96.7	97.4	97.6	98.4	98.4	98.4	98.8	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	95.1	95.9	96.4	96.7	97.4	97.6	98.4	98.6	98.6	99.1	99.6	99.6	99.8	99.8	99.8	99.8
GE 200	95.1	95.9	96.4	96.7	97.4	97.6	98.4	98.6	98.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	95.1	95.9	96.4	96.7	97.4	97.6	98.4	98.6	98.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	95.1	95.9	96.4	96.7	97.4	97.6	98.4	98.6	98.6	99.2	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.0	64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000	69.3	69.3	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 16000	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 14000	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	72.2	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 10000	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 9000	76.6	76.6	76.6	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 8000	80.4	80.4	80.4	80.5	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 7000	84.1	84.1	84.1	84.2	84.5	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 6000	85.1	85.1	85.1	85.2	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 5000	87.8	87.8	87.8	88.0	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4500	88.9	88.9	88.9	89.0	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4000	90.0	90.0	90.0	90.1	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	91.2	91.2	91.2	91.3	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	92.5	92.5	92.5	92.6	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	93.5	93.6	93.6	93.8	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	95.3	95.4	95.5	95.7	96.4	96.5	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	95.8	96.0	96.1	96.2	97.0	97.1	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1500	96.0	96.2	96.3	96.4	97.2	97.3	97.7	97.7	97.7	98.0	98.0	98.0	98.2	98.2	98.4	98.4
GE 1200	96.4	96.7	96.8	96.9	97.7	97.8	98.1	98.2	98.2	98.6	98.6	98.7	98.9	98.9	99.1	99.1
GE 1000	96.4	96.7	96.8	96.9	97.7	97.8	98.1	98.2	98.2	98.6	98.6	98.7	99.0	99.0	99.2	99.2
GE 900	96.4	96.7	96.8	96.9	97.7	97.8	98.2	98.3	98.3	98.7	98.7	98.8	99.1	99.1	99.3	99.3
GE 800	96.4	96.7	96.8	96.9	97.7	97.8	98.3	98.4	98.4	98.8	98.8	98.9	99.2	99.2	99.4	99.4
GE 700	96.5	96.8	96.9	97.0	97.8	98.0	98.6	98.7	98.7	99.0	99.0	99.1	99.4	99.4	99.7	99.7
GE 600	96.5	96.8	96.9	97.0	97.8	98.0	98.6	98.7	98.7	99.0	99.0	99.1	99.4	99.4	99.7	99.7
GE 500	96.7	96.9	97.0	97.1	97.9	98.1	98.7	98.8	98.8	99.1	99.1	99.2	99.6	99.6	99.8	99.8
GE 400	96.7	96.9	97.0	97.1	97.9	98.1	98.7	98.8	98.8	99.1	99.3	99.4	99.8	99.8	100.0	100.0
GE 300	96.7	96.9	97.0	97.1	97.9	98.1	98.7	98.8	98.8	99.1	99.3	99.4	99.8	99.8	100.0	100.0
GE 200	96.7	96.9	97.0	97.1	97.9	98.1	98.7	98.8	98.8	99.1	99.3	99.4	99.8	99.8	100.0	100.0
GE 100	96.7	96.9	97.0	97.1	97.9	98.1	98.7	98.8	98.8	99.1	99.3	99.4	99.8	99.8	100.0	100.0
GE 000	96.7	96.9	97.0	97.1	97.9	98.1	98.7	98.8	98.8	99.1	99.3	99.4	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.8	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 16000	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 12000	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	76.7	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	75.9	76.9	76.9	76.9	76.9	76.9
GE 8000	81.0	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 6000	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 5000	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4500	90.6	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4000	92.0	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 3500	92.7	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	93.8	94.2	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	95.9	96.3	96.3	96.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	96.5	97.2	97.2	97.5	97.8	97.8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	96.5	97.2	97.2	97.5	97.8	97.8	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	96.7	97.4	97.4	97.8	98.2	98.2	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	96.7	97.4	97.4	97.8	98.2	98.2	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	97.0	97.8	97.8	98.1	98.5	98.5	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	97.0	97.8	97.8	98.1	98.5	98.5	98.9	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	97.0	97.8	97.8	98.1	98.5	98.5	98.9	99.1	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	97.1	98.0	98.0	98.3	98.8	98.8	99.1	99.3	99.3	99.4	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.2	98.1	98.1	98.4	98.9	98.9	99.2	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.2	98.1	98.1	98.4	98.9	98.9	99.2	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	97.2	98.1	98.1	98.4	98.9	98.9	99.2	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	97.2	98.1	98.1	98.4	98.9	98.9	99.2	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	97.2	98.1	98.1	98.4	98.9	98.9	99.2	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	97.2	98.1	98.1	98.4	98.9	98.9	99.2	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	97.2	98.1	98.1	98.4	98.9	98.9	99.2	99.4	99.4	99.6	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 896



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 9000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 7000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 4500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3500	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	95.5	95.7	96.0	96.0	96.0	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	96.2	96.3	96.7	96.7	96.7	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	96.2	96.3	96.7	96.7	96.7	96.9	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	96.9	97.0	97.3	97.3	97.3	97.6	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	97.1	97.2	97.7	97.7	97.7	97.9	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	97.1	97.2	97.7	97.7	97.7	97.9	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	97.1	97.2	97.7	97.7	97.7	97.9	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	97.1	97.2	97.7	97.7	97.7	97.9	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	97.1	97.2	97.7	97.7	97.7	97.9	98.7	98.8	98.8	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 600	97.1	97.4	97.9	97.9	97.9	98.1	98.9	99.0	99.0	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 500	97.1	97.6	98.0	98.0	98.0	98.2	99.0	99.1	99.1	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 400	97.1	97.6	98.0	98.0	98.0	98.2	99.2	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	97.1	97.6	98.0	98.0	98.0	98.2	99.2	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	97.1	97.6	98.0	98.0	98.0	98.2	99.2	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	97.1	97.6	98.0	98.0	98.0	98.2	99.2	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	97.1	97.6	98.0	98.0	98.0	98.2	99.2	99.3	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 20000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 12000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 10000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 6000	84.2	84.2	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	87.5	87.5	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4000	90.9	90.9	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	92.4	92.4	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	93.2	93.3	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2500	95.6	95.9	96.0	96.0	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	95.9	96.3	96.4	96.4	97.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	96.0	96.4	96.6	96.6	97.2	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	96.1	96.6	96.7	96.7	97.3	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	96.2	96.9	97.2	97.2	97.9	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.4	97.2	97.6	97.6	98.2	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	96.4	97.2	97.7	97.7	98.3	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	96.4	97.2	97.7	97.7	98.3	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	96.4	97.2	97.7	97.7	98.3	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	96.4	97.2	97.7	97.7	98.3	98.7	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	96.4	97.2	97.8	97.8	98.4	98.8	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	96.4	97.3	97.9	97.9	98.6	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	96.4	97.3	97.9	97.9	98.8	99.1	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	96.4	97.3	97.9	97.9	98.8	99.1	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	96.4	97.3	97.9	97.9	98.8	99.1	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	96.4	97.3	97.9	97.9	98.8	99.1	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6	65.6
GE 18000	65.9	66.0	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1
GE 12000	69.4	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 10000	72.0	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	74.8	74.9	74.9	74.9	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 8000	79.4	79.5	79.6	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	82.5	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 6000	84.0	84.1	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	87.0	87.1	87.2	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5
GE 4500	89.0	89.2	89.3	89.3	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4000	90.3	90.5	90.6	90.6	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3500	91.8	92.0	92.2	92.2	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 3000	92.8	93.1	93.2	93.3	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	94.0	94.4	94.7	94.8	95.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	94.9	95.3	95.6	95.8	96.2	96.3	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	95.0	95.5	95.8	96.0	96.5	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	95.4	95.9	96.2	96.4	97.0	97.1	97.6	97.6	97.6	97.7	97.8	97.8	97.9	97.9	97.9	97.9
GE 1200	95.7	96.3	96.7	96.9	97.5	97.6	98.1	98.1	98.1	98.3	98.4	98.4	98.4	98.4	98.5	98.5
GE 1000	95.9	96.5	96.8	97.1	97.6	97.7	98.3	98.4	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.9
GE 900	96.0	96.5	96.9	97.2	97.7	97.8	98.4	98.5	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0
GE 800	96.0	96.5	97.0	97.2	97.8	97.9	98.5	98.6	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1
GE 700	96.0	96.6	97.0	97.3	97.8	97.9	98.5	98.6	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.2
GE 600	96.0	96.7	97.1	97.3	97.9	98.0	98.6	98.7	98.7	99.0	99.1	99.1	99.2	99.2	99.3	99.3
GE 500	96.1	96.7	97.2	97.4	98.0	98.1	98.7	98.8	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	96.1	96.8	97.2	97.5	98.0	98.1	98.8	98.9	98.9	99.2	99.4	99.4	99.6	99.6	99.6	99.6
GE 300	96.1	96.8	97.2	97.5	98.1	98.2	98.9	99.1	99.1	99.4	99.6	99.6	99.8	99.8	99.8	99.9
GE 200	96.1	96.8	97.2	97.5	98.1	98.2	98.9	99.1	99.1	99.4	99.6	99.6	99.8	99.8	99.9	100.0
GE 100	96.1	96.8	97.2	97.5	98.1	98.2	98.9	99.1	99.1	99.4	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	96.1	96.8	97.2	97.5	98.1	98.2	98.9	99.1	99.1	99.4	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7187

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 20000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 10000	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 9000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 8000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 7000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 5000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 4500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2000	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	99.0	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	99.0	99.4	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	99.0	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.0	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.0	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.0	99.4	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7
GE 20000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
GE 18000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
GE 16000	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.9	58.9	58.9	58.9
GE 14000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0
GE 12000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8
GE 10000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2
GE 9000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5
GE 8000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2
GE 7000	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 6000	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
GE 5000	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
GE 4500	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
GE 4000	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6
GE 3500	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0
GE 3000	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 2500	96.0	96.2	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 2000	96.1	96.3	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 1800	96.7	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 1500	97.0	97.3	97.5	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 1200	97.5	97.8	98.1	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 1000	97.6	98.1	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 900	97.8	98.3	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	97.8	98.3	98.5	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	97.8	98.3	98.5	98.7	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4
GE 600	97.9	98.4	98.6	98.8	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 500	98.1	98.5	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	98.1	98.5	98.7	98.9	99.1	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 300	98.1	98.5	98.8	99.0	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 200	98.1	98.5	98.8	99.0	99.2	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 100	98.1	98.5	98.8	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	98.1	98.5	98.8	99.0	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"  
USAF TAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 20000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 18000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 10000	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8	69.8	69.8	69.8	69.8	69.8
GE 8000	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 7000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4000	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2500	94.2	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	94.8	94.9	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	95.2	95.4	95.7	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1500	96.5	96.6	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	97.1	97.2	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	97.4	97.5	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	97.4	97.5	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	97.6	97.7	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	97.6	97.7	98.2	98.3	98.4	98.4	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	97.8	97.9	98.4	98.5	98.6	98.6	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	97.8	97.9	98.4	98.5	98.8	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	97.9	98.1	98.5	98.6	98.9	98.9	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	97.9	98.1	98.5	98.6	98.9	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	97.9	98.1	98.5	98.6	98.9	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	97.9	98.1	98.5	98.6	98.9	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	97.9	98.1	98.5	98.6	98.9	99.0	99.4	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	61.6	64.6	64.6	64.6
GE 16000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.8	73.8	73.8
GE 8000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.3	78.3	78.3	78.5	78.5	78.5	78.5
GE 7000	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.7	81.7	81.7	82.0	82.0	82.0	82.0
GE 6000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.2	84.2	84.2	84.4	84.4	84.4	84.4
GE 5000	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.9	86.9	86.9	87.1	87.1	87.1	87.1
GE 4500	87.3	87.3	87.3	87.3	87.5	87.5	87.5	87.5	87.5	87.8	87.8	87.8	88.0	88.0	88.0	88.0
GE 4000	88.4	88.4	88.4	88.4	88.7	88.7	88.7	88.7	88.7	89.0	89.0	89.0	89.2	89.2	89.2	89.2
GE 3500	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.9	90.9	90.9	91.1	91.1	91.1	91.1
GE 3000	91.5	91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	92.1	92.1	92.1	92.3	92.3	92.3	92.3
GE 2500	93.6	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.5	94.5	94.5	94.5
GE 2000	95.0	95.1	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 1800	95.6	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.3	96.3	96.3	96.5	96.5	96.5	96.5
GE 1500	96.3	96.4	96.4	96.4	96.8	96.8	96.9	96.9	96.9	97.2	97.2	97.2	97.4	97.4	97.4	97.4
GE 1200	97.0	97.2	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.9	97.9	97.9	98.2	98.2	98.2	98.2
GE 1000	97.4	97.6	97.6	97.6	97.9	97.9	98.1	98.1	98.1	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 900	97.6	97.8	97.8	97.8	98.2	98.2	98.3	98.3	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.8
GE 800	97.6	97.9	97.9	97.9	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 700	97.6	97.9	97.9	97.9	98.3	98.3	98.5	98.5	98.5	98.8	98.8	98.8	99.0	99.0	99.0	99.0
GE 600	98.1	98.4	98.4	98.4	98.7	98.7	98.9	98.9	98.9	99.2	99.2	99.2	99.5	99.5	99.5	99.5
GE 500	98.2	98.5	98.5	98.5	99.0	99.0	99.2	99.2	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 400	98.2	98.6	98.6	98.6	99.1	99.1	99.4	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 300	98.2	98.6	98.6	98.6	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	98.2	98.6	98.6	98.6	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	98.2	98.6	98.6	98.6	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	98.2	98.6	98.6	98.6	99.2	99.2	99.5	99.5	99.5	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

D - 2 - 40

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 20000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 18000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 16000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 14000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 12000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 10000	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 9000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 8000	72.9	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000	83.9	84.1	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7
GE 4500	86.6	86.7	86.7	86.7	87.1	87.1	87.1	87.1	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	88.5	88.6	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	90.6	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	93.1	93.2	93.2	93.2	93.6	93.6	93.6	93.6	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 2500	95.4	95.6	95.7	95.8	96.2	96.2	96.2	96.2	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	96.4	96.5	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	96.9	97.0	97.2	97.3	97.7	97.7	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	97.4	97.5	97.7	97.8	98.3	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	98.3	98.4	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	98.6	98.7	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	98.6	98.7	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	98.7	98.8	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.7	98.8	99.0	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.9	99.0	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.9	99.0	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.9	99.0	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.9	99.0	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.9	99.0	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	99.0	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.9	99.0	99.2	99.3	99.8	99.8	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 20000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 18000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 12000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 10000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 9000	60.4	60.4	60.4	60.4	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 8000	67.8	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	70.8	70.8	70.9	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	78.5	78.5	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000	87.7	87.9	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4500	90.6	90.9	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	92.7	92.9	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	94.7	94.9	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3000	96.6	96.8	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	97.4	97.6	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	98.3	98.5	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	98.3	98.5	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	98.3	98.6	98.9	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	98.6	98.9	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	98.6	98.9	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.6	98.9	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.6	98.9	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.6	98.9	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.8	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.8	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.8	99.1	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 20000	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 14000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 12000	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 10000	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	63.4	63.4	63.4	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	70.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 7000	74.0	74.0	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 6000	79.9	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	89.0	89.1	89.1	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4500	91.9	92.0	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000	94.2	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500	95.6	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3000	96.9	97.0	97.0	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	97.7	97.8	97.8	97.9	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	98.1	98.2	98.2	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	98.2	98.3	98.3	98.4	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	98.4	98.5	98.5	98.6	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	98.6	98.7	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	98.6	98.7	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	98.6	98.7	98.7	98.8	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	98.7	98.8	98.8	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	98.7	98.8	98.8	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	98.8	98.9	98.9	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.9	99.0	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.9	99.0	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.9	99.0	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.9	99.0	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	99.0	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.9	99.0	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 20000	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 18000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 14000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 12000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 9000	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 8000	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 7000	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 6000	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	91.6	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4500	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4000	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3000	98.2	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500	98.3	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	98.3	98.5	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	98.3	98.5	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	98.3	98.5	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	98.3	98.5	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	98.3	98.5	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	98.3	98.5	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	98.3	98.5	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	98.3	98.5	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	98.3	98.5	99.0	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	98.5	98.7	99.2	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.6	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.6	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.6	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.6	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.6	98.8	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.7	51.7	51.7
GE 20000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 18000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 16000	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 14000	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 10000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 9000	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 6000	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 5000	88.0	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 4500	90.5	90.5	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 4000	92.1	92.1	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	93.9	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	95.3	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 2500	96.3	96.5	96.6	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	96.9	97.1	97.2	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 1800	97.2	97.3	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 1500	97.6	97.8	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 1200	98.0	98.2	98.4	98.6	98.8	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	98.2	98.4	98.6	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 900	98.2	98.5	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 800	98.3	98.5	98.7	98.8	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	98.3	98.5	98.7	98.9	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	98.4	98.7	98.9	99.0	99.3	99.3	99.4	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6
GE 500	98.5	98.8	99.0	99.1	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	98.6	98.8	99.1	99.2	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	98.6	98.8	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	98.6	98.8	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	98.6	98.8	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	98.6	98.8	99.1	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7406

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	51.0	51.0	51.0	51.0	51.0	51.0	51.2	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	51.2	51.2	51.2	51.2	51.2	51.2	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 16000	51.4	51.4	51.4	51.4	51.4	51.4	51.6	51.6	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 14000	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 12000	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 10000	59.5	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 9000	63.9	63.9	64.0	64.1	64.1	64.1	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 8000	67.8	67.8	67.9	68.0	68.0	68.0	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	70.4	70.4	70.5	70.6	70.6	70.6	70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 6000	76.2	76.2	76.6	76.8	76.8	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 5000	83.4	83.4	83.8	84.0	84.0	84.0	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4500	88.0	88.0	88.5	88.7	88.7	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 4000	90.4	90.4	90.8	91.1	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	93.2	93.2	93.7	93.9	93.9	93.9	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	94.9	94.9	95.4	95.6	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	96.4	96.4	96.8	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	97.3	97.3	97.7	98.0	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	97.3	97.3	97.7	98.0	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	97.5	97.5	98.0	98.2	98.2	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	97.9	97.9	98.3	98.5	98.5	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	97.9	97.9	98.4	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	97.9	97.9	98.4	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	97.9	97.9	98.4	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	97.9	97.9	98.4	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	97.9	97.9	98.4	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	98.0	98.0	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	98.0	98.0	98.5	98.9	98.9	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	98.4	98.4	99.0	99.3	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	98.4	98.4	99.0	99.3	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	98.4	98.4	99.0	99.3	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	98.4	98.4	99.0	99.3	99.3	99.4	99.7	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 884

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	48.0	48.0	48.3	48.3	48.3	48.3	48.4	48.4	48.4	48.5	48.6	48.6	48.6	48.6	48.6	48.6
GE 18000	48.1	48.1	48.4	48.4	48.4	48.4	48.5	48.5	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7
GE 16000	48.8	48.8	49.0	49.0	49.0	49.0	49.2	49.2	49.2	49.3	49.4	49.4	49.4	49.4	49.4	49.4
GE 14000	50.1	50.1	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6
GE 12000	52.3	52.4	52.6	52.6	52.6	52.6	52.8	52.8	52.8	52.9	53.0	53.0	53.0	53.0	53.0	53.0
GE 10000	57.3	57.4	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1
GE 9000	62.7	62.8	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.5
GE 8000	67.5	67.6	67.9	67.9	68.1	68.2	68.3	68.3	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7
GE 7000	71.8	71.9	72.3	72.3	72.5	72.6	72.7	72.7	72.7	72.8	73.1	73.1	73.1	73.2	73.2	73.4
GE 6000	75.3	75.5	75.9	75.9	76.1	76.2	76.3	76.3	76.3	76.4	76.7	76.7	76.7	76.8	76.8	77.0
GE 5000	80.7	80.9	81.3	81.3	81.5	81.6	81.7	81.7	81.7	81.8	82.1	82.1	82.1	82.2	82.2	82.4
GE 4500	84.6	84.9	85.3	85.3	85.6	85.7	85.8	85.8	85.8	85.9	86.1	86.1	86.1	86.2	86.2	86.5
GE 4000	86.0	86.4	86.9	86.9	87.1	87.3	87.4	87.5	87.5	87.6	87.9	87.9	87.9	88.0	88.0	88.3
GE 3500	87.9	88.5	89.3	89.3	89.5	89.6	89.7	89.9	89.9	90.0	90.3	90.3	90.3	90.4	90.4	90.6
GE 3000	90.2	90.9	92.0	92.0	92.2	92.3	92.4	92.6	92.6	92.7	93.0	93.0	93.0	93.1	93.1	93.3
GE 2500	91.5	92.2	93.3	93.3	93.6	93.7	93.8	93.9	93.9	94.0	94.4	94.4	94.4	94.5	94.5	94.7
GE 2000	92.1	92.8	93.9	93.9	94.1	94.3	94.4	94.5	94.5	94.6	94.9	94.9	94.9	95.0	95.0	95.3
GE 1800	92.3	93.0	94.1	94.1	94.4	94.5	94.6	94.7	94.7	94.8	95.2	95.2	95.2	95.3	95.3	95.5
GE 1500	93.5	94.1	95.3	95.3	95.5	95.6	95.8	95.9	95.9	96.1	96.4	96.4	96.4	96.5	96.5	96.7
GE 1200	93.9	94.7	95.8	96.1	96.4	96.5	96.8	97.0	97.0	97.1	97.4	97.4	97.4	97.5	97.5	97.7
GE 1000	93.9	94.7	95.8	96.1	96.4	96.5	96.8	97.0	97.0	97.1	97.4	97.4	97.4	97.5	97.5	97.7
GE 900	94.0	94.8	95.9	96.2	96.5	96.6	97.1	97.2	97.2	97.3	97.6	97.6	97.6	97.7	97.7	98.0
GE 800	94.0	94.8	95.9	96.2	96.5	96.6	97.1	97.2	97.2	97.3	97.6	97.6	97.6	97.7	97.7	98.0
GE 700	94.0	94.8	95.9	96.2	96.5	96.6	97.1	97.2	97.2	97.3	97.6	97.6	97.6	97.7	97.7	98.0
GE 600	94.1	94.9	96.1	96.3	96.6	96.7	97.2	97.3	97.3	97.4	97.7	97.7	97.7	97.9	97.9	98.1
GE 500	94.3	95.0	96.2	96.4	96.7	97.0	97.5	97.6	97.6	97.7	98.1	98.1	98.2	98.3	98.3	98.5
GE 400	94.5	95.4	96.5	96.7	97.1	97.3	97.9	98.0	98.0	98.1	98.4	98.4	98.5	98.6	98.6	98.9
GE 300	94.7	95.6	96.7	97.0	97.3	97.5	98.2	98.3	98.3	98.5	98.9	98.9	99.1	99.2	99.3	99.8
GE 200	94.7	95.6	96.7	97.0	97.3	97.5	98.2	98.3	98.3	98.5	98.9	98.9	99.1	99.2	99.3	99.9
GE 100	94.7	95.6	96.7	97.0	97.3	97.5	98.2	98.3	98.3	98.5	98.9	98.9	99.2	99.3	99.4	100.0
GE 000	94.7	95.6	96.7	97.0	97.3	97.5	98.2	98.3	98.3	98.5	98.9	98.9	99.2	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 887

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	45.3	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000	47.8	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 18000	47.9	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000	48.1	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 14000	50.3	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 12000	53.4	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 10000	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 9000	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	67.9	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 7000	72.4	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1
GE 6000	75.1	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8	75.8
GE 5000	79.1	79.3	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8
GE 4500	83.3	83.5	83.7	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
GE 4000	84.4	84.6	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
GE 3500	86.6	87.0	87.3	87.3	87.5	87.5	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
GE 3000	88.4	88.8	89.1	89.1	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6
GE 2500	89.2	89.7	90.0	90.0	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5	90.5
GE 2000	89.5	90.1	90.6	90.7	90.9	90.9	91.0	91.0	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.2
GE 1800	89.8	90.5	91.0	91.1	91.4	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7
GE 1500	91.0	91.7	92.4	92.5	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9	93.0	93.0	93.0
GE 1200	92.6	93.3	93.9	94.3	94.5	94.5	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3
GE 1000	92.9	93.6	94.3	94.6	94.8	94.8	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6
GE 900	93.2	93.9	94.6	94.9	95.3	95.3	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2
GE 800	93.5	94.4	95.1	95.4	95.7	95.7	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6
GE 700	93.5	94.4	95.1	95.4	95.7	95.7	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.6	96.6	96.6
GE 600	93.9	94.8	95.5	95.8	96.2	96.2	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1
GE 500	94.2	95.2	96.0	96.3	96.6	96.6	97.3	97.4	97.4	97.5	97.6	97.6	97.6	97.8	97.8	97.8
GE 400	94.5	95.5	96.5	96.9	97.2	97.2	98.1	98.3	98.3	98.4	98.5	98.5	98.5	98.7	98.7	98.7
GE 300	94.6	95.7	96.7	97.1	97.5	97.6	98.7	99.1	99.1	99.3	99.4	99.4	99.6	99.7	99.8	99.8
GE 200	94.6	95.7	96.7	97.1	97.5	97.6	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.9	100.0	100.0
GE 100	94.6	95.7	96.7	97.1	97.5	97.6	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.9	100.0	100.0
GE 000	94.6	95.7	96.7	97.1	97.5	97.6	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.6	47.6	47.6	47.6	47.7	47.7	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 20000	52.3	52.3	52.4	52.4	52.5	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 18000	52.5	52.5	52.6	52.6	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 16000	52.6	52.6	52.7	52.7	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 14000	54.5	54.5	54.7	54.7	54.8	54.8	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 12000	58.1	58.1	58.2	58.2	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	61.3	61.3	61.5	61.5	61.6	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	65.5	65.7	65.9	65.9	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 8000	70.8	70.9	71.2	71.2	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	73.8	74.2	74.4	74.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 6000	76.9	77.2	77.4	77.4	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	81.8	82.2	82.4	82.4	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	83.5	83.8	84.1	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	84.3	84.6	84.8	84.8	85.0	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	86.4	86.8	87.0	87.0	87.1	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3000	88.2	88.6	88.8	88.8	88.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	88.9	89.3	89.6	89.6	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	90.5	90.9	91.4	91.4	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	91.2	91.7	92.3	92.3	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500	92.9	93.4	93.9	93.9	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	94.8	95.4	96.3	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	95.3	95.8	96.7	96.9	97.1	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	95.5	96.1	97.0	97.3	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	95.8	96.6	97.5	97.9	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	96.1	96.9	97.9	98.2	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	96.4	97.2	98.2	98.5	99.0	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	96.6	97.4	98.4	98.8	99.3	99.3	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.6	97.4	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.6	97.4	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.6	97.4	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.6	97.4	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.6	97.4	98.4	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 891



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 20000	55.9	55.9	56.0	56.1	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 18000	56.0	56.0	56.1	56.2	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	56.8	56.8	56.9	57.0	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 14000	57.7	57.7	57.8	57.9	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 12000	61.8	61.8	61.9	62.0	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	64.6	64.6	64.7	64.8	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	69.3	69.3	69.4	69.5	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	73.6	73.6	73.7	73.8	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	75.5	75.5	75.6	75.7	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	77.7	77.7	77.8	78.0	78.2	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 5000	82.7	82.7	82.8	82.9	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	85.2	85.2	85.3	85.4	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	87.9	87.9	88.0	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3500	90.6	90.6	90.7	90.8	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	92.2	92.2	92.4	92.5	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	93.6	93.6	93.7	93.8	94.0	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	95.1	95.1	95.2	95.3	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	96.1	96.1	96.2	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	97.0	97.0	97.1	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	98.2	98.2	98.3	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	98.4	98.4	98.5	98.8	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	98.4	98.4	98.5	98.8	99.1	99.1	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	98.8	98.8	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	98.8	98.8	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.8	98.8	98.9	99.1	99.4	99.4	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	98.8	98.8	98.9	99.1	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	98.8	98.9	99.1	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	98.8	98.9	99.1	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	98.8	98.9	99.1	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	98.8	98.9	99.1	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.8	98.8	98.9	99.1	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 889

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.0	44.0	44.2	44.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000	49.3	49.3	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 18000	49.7	49.7	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 16000	49.9	49.9	50.1	50.1	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 14000	52.1	52.1	52.4	52.4	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 12000	56.5	56.5	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	63.3	63.3	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 9000	67.7	67.7	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 8000	71.4	71.4	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 7000	76.1	76.1	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	79.9	79.9	80.1	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	87.2	87.4	87.6	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4500	90.4	90.5	90.7	90.7	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4000	93.0	93.1	93.3	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 3500	94.9	95.0	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	95.7	95.8	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	96.3	96.4	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	97.0	97.1	97.4	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	97.2	97.3	97.6	97.6	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	98.2	98.3	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.8	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 16000	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 14000	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 12000	59.6	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 10000	64.5	64.6	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	69.4	69.5	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 8000	73.9	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 7000	78.4	78.5	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 6000	85.0	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 5000	90.8	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500	93.4	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4000	95.3	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3500	97.2	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	98.0	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	98.2	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	98.5	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1200	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 881

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	46.2	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 20000	52.5	52.7	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 18000	52.5	52.7	53.0	53.0	53.0	53.0	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	52.7	52.9	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 14000	53.8	54.0	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 12000	56.7	56.9	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 10000	62.6	62.9	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 9000	67.8	68.0	68.3	68.3	68.3	68.3	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	73.0	73.3	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 7000	77.1	77.3	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 6000	81.7	81.9	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 5000	87.9	88.1	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 4500	91.8	92.1	92.5	92.5	92.5	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 4000	94.3	94.6	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3500	96.1	96.4	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3000	97.3	97.7	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2500	98.1	98.4	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	98.4	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	98.4	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.8	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	98.8	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	98.8	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.8	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.9	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.9	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.9	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.9	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.9	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.9	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.9	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.9	99.2	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.8	46.9	47.0	47.0	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	51.4	51.4	51.6	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 18000	51.6	51.6	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 16000	51.9	52.0	52.1	52.1	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 14000	53.5	53.5	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 12000	56.7	56.7	56.9	56.9	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	61.4	61.5	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	66.2	66.3	66.4	66.5	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	70.7	70.8	71.0	71.1	71.2	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 7000	74.4	74.6	74.8	74.8	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2
GE 6000	78.5	78.6	78.8	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3	79.3	79.3
GE 5000	84.2	84.4	84.6	84.7	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.1
GE 4500	87.5	87.7	87.9	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 4000	89.4	89.6	89.9	89.9	90.1	90.1	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4
GE 3500	91.6	91.8	92.2	92.2	92.4	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7
GE 3000	93.1	93.4	93.7	93.8	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3
GE 2500	94.0	94.3	94.7	94.7	94.9	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 2000	94.8	95.1	95.5	95.6	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1
GE 1800	95.1	95.4	95.9	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.5
GE 1500	96.0	96.3	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4
GE 1200	96.8	97.2	97.7	97.8	98.0	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	96.9	97.3	97.8	98.0	98.2	98.2	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 900	97.0	97.4	97.9	98.1	98.3	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	97.1	97.6	98.1	98.3	98.5	98.6	98.8	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	97.2	97.6	98.2	98.3	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.1
GE 600	97.3	97.7	98.3	98.4	98.7	98.7	99.0	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	97.4	97.8	98.4	98.6	98.9	98.9	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	97.4	97.9	98.5	98.7	99.0	99.0	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 300	97.5	98.0	98.6	98.8	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.9	99.9
GE 200	97.5	98.0	98.6	98.8	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	97.5	98.0	98.6	98.8	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	97.5	98.0	98.6	98.8	99.1	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7103

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.7	41.1	41.1	41.1	41.3	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 20000	44.7	45.4	45.5	45.5	45.7	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 18000	44.7	45.4	45.5	45.5	45.7	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 16000	45.1	45.7	45.8	45.8	46.0	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 14000	45.8	46.5	46.6	46.6	46.8	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 12000	50.0	50.7	50.8	50.8	51.0	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 10000	54.5	55.3	55.8	55.9	56.4	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 9000	59.2	60.1	60.7	60.9	61.4	61.8	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 8000	67.0	67.9	68.5	68.7	69.2	69.6	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 7000	71.0	71.9	72.4	72.6	73.2	73.5	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 6000	76.8	77.8	78.4	78.6	79.1	79.5	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 5000	80.8	81.8	82.3	82.5	83.1	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	83.5	84.5	85.1	85.3	85.8	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	85.3	86.4	86.9	87.1	87.7	88.0	88.1	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	88.1	89.3	89.9	90.1	90.7	91.0	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	90.0	91.3	91.9	92.1	92.6	93.0	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	91.3	92.6	93.2	93.4	94.0	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	91.6	93.0	93.5	93.7	94.3	94.6	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1800	92.1	93.4	94.0	94.2	94.7	95.1	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	92.7	94.3	94.8	95.1	95.6	95.9	96.0	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	93.5	95.2	95.7	96.3	96.8	97.1	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	93.8	95.6	96.2	96.7	97.3	97.6	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	94.0	95.7	96.3	96.8	97.4	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	94.1	96.0	96.7	97.3	97.8	98.1	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	94.2	96.2	96.8	97.4	97.9	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	94.2	96.2	96.8	97.4	97.9	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	94.3	96.5	97.1	97.8	98.5	98.8	98.9	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 400	94.3	96.6	97.4	98.2	98.9	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.8	99.8	99.8	99.8
GE 300	94.3	96.6	97.5	98.4	99.0	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 200	94.3	96.6	97.5	98.5	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	94.3	96.6	97.5	98.5	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	94.3	96.6	97.5	98.5	99.1	99.5	99.6	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.6	40.8	41.3	41.3	41.3	41.7	41.8	42.1	42.1	42.2	42.2	42.2	42.3	42.3	42.3	42.5
GE 20000	42.4	42.7	43.2	43.2	43.2	43.5	43.6	44.0	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.4
GE 18000	42.4	42.7	43.2	43.2	43.2	43.5	43.6	44.0	44.0	44.1	44.1	44.1	44.2	44.2	44.2	44.4
GE 16000	43.4	43.6	44.2	44.2	44.2	44.5	44.6	45.0	45.0	45.1	45.1	45.1	45.2	45.2	45.2	45.4
GE 14000	44.3	44.5	45.1	45.1	45.1	45.4	45.5	45.8	45.8	45.9	45.9	45.9	46.1	46.1	46.1	46.3
GE 12000	46.3	46.5	47.0	47.0	47.0	47.4	47.5	47.8	47.8	47.9	47.9	47.9	48.0	48.0	48.0	48.2
GE 10000	51.1	51.3	51.9	51.9	52.3	52.6	52.7	53.1	53.1	53.2	53.2	53.2	53.3	53.3	53.3	53.5
GE 9000	54.9	55.2	55.7	55.7	56.3	56.6	56.7	57.0	57.0	57.1	57.2	57.2	57.3	57.3	57.3	57.6
GE 8000	61.6	62.2	62.8	62.8	63.4	63.7	63.8	64.1	64.1	64.3	64.4	64.4	64.5	64.5	64.5	64.7
GE 7000	67.3	68.0	68.6	68.6	69.2	69.5	69.6	70.0	70.0	70.1	70.2	70.2	70.3	70.3	70.3	70.5
GE 6000	71.9	72.6	73.4	73.4	73.9	74.2	74.3	74.7	74.7	74.8	74.9	74.9	75.0	75.0	75.0	75.2
GE 5000	76.0	76.6	77.4	77.4	78.0	78.3	78.4	78.7	78.7	78.8	78.9	78.9	79.1	79.1	79.1	79.3
GE 4500	78.8	79.6	80.4	80.4	80.9	81.3	81.4	81.7	81.7	81.8	81.9	81.9	82.0	82.0	82.0	82.2
GE 4000	80.7	81.5	82.2	82.2	82.8	83.1	83.2	83.6	83.6	83.7	83.8	83.8	83.9	83.9	83.9	84.1
GE 3500	83.1	84.0	84.8	84.8	85.3	85.6	85.7	86.1	86.1	86.2	86.3	86.3	86.4	86.4	86.4	86.6
GE 3000	84.5	85.4	86.2	86.2	86.8	87.2	87.3	87.6	87.6	87.7	87.8	87.8	87.9	87.9	87.9	88.2
GE 2500	86.3	87.3	88.0	88.0	88.7	89.0	89.1	89.6	89.6	89.8	89.9	89.9	90.2	90.2	90.4	90.6
GE 2000	87.6	88.6	89.4	89.4	90.0	90.4	90.5	90.9	90.9	91.1	91.3	91.3	91.7	91.7	91.8	92.0
GE 1800	87.9	89.0	89.8	89.8	90.5	90.8	90.9	91.3	91.3	91.6	91.8	91.8	92.1	92.1	92.2	92.4
GE 1500	88.8	89.9	90.7	90.7	91.3	91.7	91.8	92.2	92.2	92.4	92.7	92.7	93.0	93.0	93.1	93.3
GE 1200	89.5	90.8	91.7	91.7	92.3	92.7	92.8	93.2	93.2	93.4	93.6	93.6	94.0	94.0	94.1	94.3
GE 1000	90.1	91.6	92.4	92.7	93.3	93.6	93.8	94.2	94.2	94.4	94.6	94.6	95.0	95.0	95.1	95.3
GE 900	90.2	91.8	92.8	93.0	93.6	94.0	94.1	94.5	94.5	94.7	95.0	95.0	95.3	95.3	95.4	95.6
GE 800	90.4	91.9	92.9	93.2	94.1	94.4	94.5	95.0	95.0	95.2	95.4	95.4	95.7	95.7	95.8	96.1
GE 700	90.4	92.0	93.0	93.3	94.2	94.5	94.6	95.1	95.1	95.3	95.5	95.5	95.8	95.8	95.9	96.2
GE 600	90.7	92.3	93.3	93.6	94.5	95.0	95.1	95.5	95.5	95.7	95.9	95.9	96.4	96.4	96.5	96.7
GE 500	90.8	92.7	93.8	94.1	95.0	95.4	95.5	95.9	95.9	96.2	96.4	96.4	96.9	96.9	97.0	97.3
GE 400	91.0	92.9	94.2	94.5	95.5	96.1	96.6	97.1	97.1	97.4	97.6	97.6	98.1	98.1	98.2	98.5
GE 300	91.3	93.2	94.6	95.0	95.9	96.5	97.1	97.9	97.9	98.2	98.6	98.6	99.1	99.1	99.3	99.6
GE 200	91.4	93.3	94.7	95.1	96.1	96.6	97.3	98.0	98.0	98.4	98.7	98.7	99.5	99.5	99.8	100.0
GE 100	91.4	93.3	94.7	95.1	96.1	96.6	97.3	98.0	98.0	98.4	98.7	98.7	99.5	99.5	99.8	100.0
GE 000	91.4	93.3	94.7	95.1	96.1	96.6	97.3	98.0	98.0	98.4	98.7	98.7	99.5	99.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.5	38.1	38.3	38.3	38.3	38.6	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 20000	38.6	39.1	39.4	39.4	39.4	39.7	39.8	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 18000	38.8	39.4	39.6	39.6	39.6	39.9	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 16000	39.3	39.8	40.0	40.0	40.0	40.3	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 14000	40.8	41.3	41.5	41.5	41.5	41.9	42.0	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 12000	43.4	43.9	44.2	44.2	44.2	44.5	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 10000	48.6	49.2	49.4	49.4	49.4	49.7	49.8	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2
GE 9000	52.3	52.9	53.1	53.1	53.4	53.8	53.9	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2
GE 8000	57.9	58.5	58.8	58.8	59.1	59.4	59.5	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9
GE 7000	63.1	63.7	64.0	64.0	64.3	64.7	64.8	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1
GE 6000	66.6	67.3	67.6	67.7	68.0	68.4	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8
GE 5000	70.1	70.8	71.1	71.2	71.5	71.9	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	73.2	73.8	74.2	74.3	74.6	74.9	75.0	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	75.6	76.2	76.6	76.7	77.0	77.3	77.4	77.6	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	76.8	77.5	77.9	78.0	78.3	78.6	78.7	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	79.4	80.2	80.5	81.0	81.5	81.8	81.9	82.1	82.1	82.1	82.3	82.3	82.3	82.3	82.3	82.4
GE 2500	80.7	81.5	81.9	82.4	82.9	83.2	83.3	83.5	83.5	83.5	83.8	83.8	83.8	83.8	83.8	83.9
GE 2000	81.0	81.8	82.2	82.8	83.2	83.5	83.8	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.4
GE 1800	82.1	82.9	83.3	83.9	84.5	84.8	85.1	85.3	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.7
GE 1500	83.4	84.2	84.6	85.3	86.0	86.4	86.6	86.8	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.2
GE 1200	85.7	86.5	87.2	88.1	89.0	89.3	89.5	89.7	89.7	89.7	90.1	90.1	90.1	90.1	90.1	90.2
GE 1000	86.7	87.5	88.2	89.4	90.3	90.6	90.8	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.5
GE 900	87.5	88.2	89.0	90.2	91.1	91.4	91.6	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.3
GE 800	87.8	88.5	89.3	90.5	91.4	91.8	92.0	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.7
GE 700	87.9	88.7	89.4	90.6	91.5	92.0	92.3	92.5	92.5	92.5	92.8	92.8	92.8	92.8	92.8	92.9
GE 600	88.3	89.1	90.0	91.4	92.5	93.0	93.2	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.9
GE 500	89.4	90.5	91.5	93.1	94.2	94.8	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.7	95.9
GE 400	90.0	91.1	92.0	93.7	95.0	95.5	96.0	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.9
GE 300	90.5	91.6	92.8	94.4	96.0	96.7	97.4	97.7	97.8	98.0	98.5	98.5	98.5	98.5	98.7	98.9
GE 200	90.7	91.8	93.1	94.8	96.4	97.2	97.8	98.3	98.4	98.6	99.0	99.0	99.2	99.2	99.8	100.0
GE 100	90.7	91.8	93.1	94.8	96.4	97.2	97.8	98.3	98.4	98.6	99.0	99.0	99.2	99.2	99.8	100.0
GE 000	90.7	91.8	93.1	94.8	96.4	97.2	97.8	98.3	98.4	98.6	99.0	99.0	99.2	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 917



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.9	40.2	40.6	40.6	40.7	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 20000	41.5	41.8	42.3	42.3	42.4	42.6	42.8	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 18000	41.6	41.9	42.4	42.4	42.5	42.7	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 16000	42.0	42.4	42.8	42.8	42.9	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 14000	43.2	43.6	44.0	44.0	44.1	44.3	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 12000	46.8	47.1	47.6	47.6	47.7	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 10000	52.0	52.4	52.9	52.9	53.0	53.3	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 9000	56.7	57.2	57.6	57.6	58.1	58.4	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	63.1	63.6	64.0	64.1	64.6	64.9	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	66.4	67.0	67.6	67.7	68.1	68.5	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 6000	69.3	70.1	70.7	70.9	71.3	71.6	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 5000	73.2	74.0	74.6	74.8	75.2	75.5	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	75.7	76.5	77.1	77.2	77.7	78.0	78.2	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 4000	77.4	78.1	78.8	78.9	79.3	79.6	79.8	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	80.5	81.3	81.9	82.0	82.4	82.8	83.0	83.1	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	82.8	83.6	84.3	84.4	84.8	85.2	85.4	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	84.3	85.2	85.9	86.0	86.5	86.8	87.0	87.1	87.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	86.5	87.3	88.1	88.2	88.6	88.9	89.2	89.3	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800	87.5	88.4	89.2	89.3	89.7	90.0	90.2	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	88.9	90.1	91.0	91.1	91.5	91.9	92.1	92.2	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	91.9	93.7	94.6	94.7	95.2	95.6	95.8	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	92.3	94.1	95.0	95.1	95.7	96.0	96.2	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	92.8	94.9	95.8	95.9	96.4	96.9	97.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	93.6	95.7	96.5	96.6	97.2	97.6	97.8	97.9	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	93.8	95.9	96.9	97.1	97.6	98.0	98.4	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	94.0	96.1	97.1	97.4	97.9	98.4	98.7	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	94.1	96.2	97.5	97.8	98.4	98.9	99.2	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	94.3	96.4	97.7	98.0	98.6	99.1	99.5	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	94.3	96.4	97.7	98.0	98.6	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.3	96.4	97.7	98.0	98.6	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.3	96.4	97.7	98.0	98.6	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.3	96.4	97.7	98.0	98.6	99.1	99.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.9	42.2	42.8	42.8	43.2	43.4	43.5	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 20000	44.5	44.8	45.5	45.5	45.9	46.1	46.3	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 18000	45.0	45.3	45.9	45.9	46.4	46.6	46.7	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 16000	45.1	45.4	46.0	46.0	46.5	46.7	46.8	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 14000	46.0	46.4	47.0	47.0	47.4	47.7	47.8	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 12000	49.2	49.5	50.3	50.3	50.7	50.9	51.0	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 10000	54.2	54.5	55.3	55.3	55.9	56.4	56.5	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 9000	59.3	59.6	60.4	60.4	61.0	61.5	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 8000	64.6	64.9	65.7	65.7	66.3	66.8	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	67.4	67.8	68.5	68.5	69.4	69.8	69.9	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 6000	69.7	70.0	70.8	70.8	71.7	72.1	72.2	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 5000	74.6	74.9	75.7	75.7	76.5	77.0	77.1	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 4500	77.3	77.6	78.5	78.5	79.5	79.9	80.0	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	80.1	80.5	81.3	81.3	82.3	82.7	82.8	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	84.0	84.4	85.2	85.2	86.3	86.8	86.9	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	87.0	87.5	88.4	88.4	89.5	89.9	90.0	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	90.7	91.3	92.2	92.2	93.3	93.7	93.8	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	91.3	92.0	92.8	92.8	93.9	94.4	94.5	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1800	91.7	92.6	93.5	93.5	94.6	95.0	95.1	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1500	92.7	93.6	94.6	94.6	95.8	96.2	96.3	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	94.2	95.1	96.2	96.2	97.4	97.8	97.9	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	94.4	95.2	96.4	96.4	97.8	98.3	98.4	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	94.5	95.3	96.5	96.5	97.9	98.4	98.5	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	94.8	95.7	96.9	96.9	98.3	98.7	98.8	99.3	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	94.9	95.8	97.0	97.0	98.4	98.8	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	94.9	95.9	97.1	97.1	98.5	98.9	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	94.9	95.9	97.1	97.1	98.5	98.9	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	94.9	95.9	97.1	97.1	98.5	98.9	99.0	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	94.9	95.9	97.1	97.1	98.5	98.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.9	95.9	97.1	97.1	98.5	98.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.9	95.9	97.1	97.1	98.5	98.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.9	95.9	97.1	97.1	98.5	98.9	99.0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.2	42.7	43.0	43.0	43.1	43.2	43.2	43.3	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 20000	48.1	48.5	48.9	48.9	49.0	49.1	49.2	49.3	49.5	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 18000	48.5	49.0	49.3	49.3	49.4	49.5	49.6	49.7	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 16000	48.6	49.1	49.4	49.4	49.5	49.6	49.7	49.8	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 14000	49.6	50.1	50.4	50.4	50.5	50.6	50.7	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 12000	52.7	53.1	53.4	53.4	53.5	53.6	53.7	53.9	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 10000	57.3	57.8	58.3	58.5	59.0	59.1	59.2	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 9000	62.3	62.8	63.3	63.5	64.0	64.1	64.2	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 8000	67.4	67.9	68.4	68.6	69.1	69.2	69.3	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 7000	71.6	72.1	72.7	73.0	73.4	73.5	73.6	74.0	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 6000	75.5	76.0	76.7	76.9	77.3	77.4	77.5	78.0	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	80.5	81.0	81.7	81.9	82.3	82.4	82.5	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4500	84.0	84.6	85.2	85.5	85.9	86.0	86.1	86.5	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4000	85.6	86.1	86.8	87.0	87.4	87.6	87.7	88.2	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3500	88.6	89.1	89.8	90.0	90.4	90.7	90.8	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	91.7	92.4	93.1	93.3	93.7	93.9	94.0	94.5	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2500	92.9	93.7	94.4	94.6	95.0	95.2	95.3	95.8	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	93.7	94.8	95.4	95.7	96.1	96.3	96.4	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	93.8	95.1	95.8	96.0	96.4	96.6	96.7	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	94.9	96.3	97.1	97.3	97.7	97.9	98.0	98.5	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	95.4	95.9	97.6	97.8	98.3	98.5	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	95.4	96.9	97.6	97.8	98.3	98.5	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	95.4	96.9	97.6	97.8	98.3	98.5	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	95.4	96.9	97.6	97.8	98.3	98.5	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	95.4	96.9	97.6	97.8	98.3	98.5	98.6	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	95.5	97.1	97.8	98.0	98.5	98.7	98.8	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.5	97.1	97.8	98.0	98.5	98.7	98.8	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.5	97.1	97.8	98.0	98.5	98.7	98.8	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	95.5	97.1	97.8	98.0	98.5	98.8	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.5	97.1	97.8	98.0	98.5	98.8	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.5	97.1	97.8	98.0	98.5	98.8	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.5	97.1	97.8	98.0	98.5	98.8	98.9	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	41.7	41.7	41.7	41.8	41.8	41.8	41.8	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 20000	48.6	48.7	48.7	48.7	48.8	48.8	49.0	49.0	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 18000	48.7	48.8	48.8	48.8	49.0	49.0	49.1	49.1	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 16000	49.3	49.4	49.4	49.4	49.5	49.5	49.6	49.6	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 14000	50.7	50.8	50.8	50.8	50.9	50.9	51.0	51.0	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 12000	53.7	54.0	54.0	54.0	54.2	54.2	54.3	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	57.8	58.3	58.3	58.3	58.7	58.7	58.8	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 9000	64.4	64.9	64.9	64.9	65.3	65.5	65.6	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 8000	70.6	71.0	71.0	71.0	71.6	71.8	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	74.0	74.4	74.4	74.4	74.5	75.1	75.3	75.4	75.5	75.7	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	78.5	79.1	79.1	79.3	79.8	80.0	80.1	80.2	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	83.8	84.4	84.4	84.5	85.1	85.3	85.4	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	87.4	88.0	88.0	88.1	88.7	88.9	89.0	89.1	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4000	89.8	90.5	90.5	90.6	91.1	91.3	91.4	91.5	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	92.5	93.3	93.3	93.4	94.0	94.2	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3000	94.4	95.2	95.2	95.3	95.8	96.0	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	95.4	96.2	96.2	96.3	96.8	97.0	97.1	97.3	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	96.0	96.8	96.8	96.9	97.5	97.7	97.8	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	96.4	97.1	97.1	97.3	97.8	98.0	98.1	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	97.0	97.9	97.9	98.0	98.6	98.8	98.9	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	97.3	98.1	98.1	98.2	98.8	99.0	99.1	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	98.2	98.4	98.5	99.0	99.2	99.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 911

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.5	42.2	42.2	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 20000	47.8	48.4	48.4	48.7	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 18000	48.2	48.9	48.9	49.2	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 16000	48.7	49.4	49.5	49.8	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 14000	49.8	50.5	50.6	50.9	51.0	51.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 12000	53.3	54.1	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	57.6	58.6	58.7	59.0	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 9000	63.5	64.4	64.6	64.9	65.2	65.2	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	70.1	71.1	71.2	71.5	72.0	72.0	72.2	72.2	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	73.3	74.5	74.6	74.9	75.5	75.5	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	78.3	79.5	79.6	79.9	80.5	80.5	80.7	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	83.4	84.7	84.8	85.2	85.7	85.7	86.0	86.0	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	86.9	88.2	88.3	88.7	89.3	89.3	89.6	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	89.0	90.4	90.5	90.8	91.6	91.6	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3500	90.9	92.4	92.6	92.9	93.7	93.7	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3000	91.9	93.5	93.7	94.0	94.8	94.8	95.1	95.1	95.1	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	92.7	94.3	94.5	94.9	95.7	95.7	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	93.2	94.9	95.1	95.4	96.3	96.3	96.6	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	93.7	95.3	95.5	95.9	96.7	96.7	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	94.5	96.3	96.5	96.8	97.7	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	95.0	96.7	97.1	97.4	98.3	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	95.3	97.1	97.4	97.8	98.7	98.7	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	95.4	97.2	97.5	97.9	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	95.4	97.2	97.5	97.9	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	95.4	97.2	97.5	97.9	98.8	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	95.6	97.4	97.7	98.1	99.0	99.0	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	95.6	97.4	97.7	98.3	99.1	99.1	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.6	97.4	97.7	98.3	99.1	99.1	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.6	97.4	97.7	98.3	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.6	97.4	97.7	98.3	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.6	97.4	97.7	98.3	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.6	97.4	97.7	98.3	99.1	99.1	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 917

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.7	41.1	41.4	41.4	41.5	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.1	42.1	42.1	42.1
GE 20000	44.5	44.9	45.2	45.3	45.4	45.6	45.7	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 18000	44.7	45.2	45.4	45.5	45.6	45.8	45.9	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 16000	45.2	45.6	45.9	45.9	46.1	46.3	46.4	46.5	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7
GE 14000	46.3	46.7	47.0	47.0	47.2	47.4	47.5	47.6	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.8
GE 12000	49.4	49.9	50.2	50.2	50.4	50.6	50.7	50.8	50.9	50.9	50.9	50.9	51.0	51.0	51.0	51.0
GE 10000	54.1	54.7	55.1	55.1	55.5	55.7	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 9000	59.1	59.6	60.0	60.1	60.6	60.8	61.0	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.4
GE 8000	65.3	65.9	66.3	66.4	66.9	67.2	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	69.3	69.9	70.4	70.5	71.0	71.3	71.4	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 6000	73.3	74.0	74.5	74.7	75.2	75.5	75.6	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 5000	77.8	78.5	79.0	79.1	79.7	79.9	80.1	80.3	80.3	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4500	80.9	81.6	82.1	82.2	82.8	83.0	83.2	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.7	83.7
GE 4000	82.9	83.7	84.2	84.3	84.9	85.2	85.3	85.5	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	85.6	86.4	86.9	87.0	87.6	87.9	88.1	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.6
GE 3000	87.7	88.6	89.1	89.3	89.9	90.2	90.4	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 2500	89.3	90.2	90.8	91.0	91.6	91.9	92.0	92.3	92.3	92.5	92.5	92.5	92.6	92.6	92.6	92.6
GE 2000	90.1	91.1	91.7	91.9	92.5	92.8	92.9	93.2	93.2	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	90.7	91.7	92.3	92.5	93.1	93.4	93.5	93.8	93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.2
GE 1500	91.6	92.8	93.4	93.6	94.3	94.6	94.7	95.0	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	92.8	94.1	94.8	95.0	95.8	96.0	96.2	96.4	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 1000	93.2	94.5	95.2	95.6	96.3	96.6	96.7	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.4
GE 900	93.4	94.8	95.5	95.8	96.6	96.8	97.0	97.2	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 800	93.6	95.0	95.7	96.1	96.8	97.1	97.3	97.5	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 700	93.7	95.1	95.8	96.2	97.0	97.3	97.4	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0	98.1
GE 600	93.8	95.3	96.0	96.4	97.2	97.6	97.7	98.0	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.4
GE 500	94.0	95.6	96.4	96.8	97.6	98.0	98.2	98.4	98.5	98.7	98.7	98.7	98.8	98.8	98.8	98.9
GE 400	94.1	95.7	96.5	97.0	97.9	98.2	98.5	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.3	99.3
GE 300	94.2	95.8	96.7	97.2	98.1	98.5	98.8	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8
GE 200	94.3	95.8	96.8	97.3	98.2	98.6	98.9	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 100	94.3	95.8	96.8	97.3	98.2	98.6	98.9	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	100.0
GE 000	94.3	95.8	96.8	97.3	98.2	98.6	98.9	99.2	99.2	99.6	99.7	99.7	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7332

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.5	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 20000	41.1	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 18000	41.2	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 16000	41.2	41.3	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 14000	41.8	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 12000	45.8	45.9	45.9	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 10000	49.6	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 9000	53.4	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 8000	59.2	59.3	59.3	59.3	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 7000	64.8	64.9	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 6000	69.2	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 5000	77.0	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4500	82.1	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	85.5	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	89.6	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	92.4	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	93.6	93.9	94.0	94.1	94.1	94.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	94.3	94.6	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	94.6	94.9	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	95.4	95.8	96.0	96.3	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	96.4	96.7	97.0	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	96.6	97.1	97.3	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	96.7	97.2	97.4	97.7	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	96.9	97.3	97.7	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	96.9	97.3	97.8	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 600	97.3	97.7	98.3	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	97.3	97.7	98.4	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	97.4	97.8	98.5	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.5	99.5	99.5	99.5
GE 300	97.6	98.0	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	97.6	98.0	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	97.6	98.0	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	97.6	98.0	98.7	99.3	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.8	34.8	34.8	34.9	34.9	34.9	35.0
GE 20000	37.1	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.7	37.7	37.7	37.8	37.8	37.8	37.9
GE 18000	37.3	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.9	37.9	37.9	38.0	38.0	38.0	38.1
GE 16000	38.0	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.6	38.6	38.6	38.8
GE 14000	39.3	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.8	39.8	39.8	40.0	40.0	40.0	40.1
GE 12000	42.8	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.3	43.3	43.3	43.4	43.4	43.4	43.6
GE 10000	47.2	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.7	47.7	47.7	47.8	47.8	47.8	47.9
GE 9000	50.2	50.4	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.9	50.9	50.9	51.0	51.0	51.0	51.1
GE 8000	57.6	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.4	58.4	58.4	58.5
GE 7000	61.8	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.4	62.4	62.4	62.6	62.6	62.6	62.8
GE 6000	64.7	65.0	65.2	65.3	65.4	65.4	65.4	65.4	65.4	65.6	65.6	65.6	65.7	65.7	65.7	65.9
GE 5000	71.8	72.2	72.5	72.6	72.7	72.7	72.7	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.3
GE 4500	75.4	75.9	76.2	76.3	76.4	76.4	76.5	76.5	76.5	76.7	76.7	76.7	76.9	76.9	77.0	77.2
GE 4000	78.7	79.5	79.8	79.9	80.0	80.0	80.1	80.1	80.1	80.5	80.5	80.5	80.7	80.7	80.8	81.1
GE 3500	83.1	83.8	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.8	84.8	84.8	85.0	85.0	85.2	85.5
GE 3000	85.4	86.5	86.8	86.9	87.0	87.0	87.2	87.2	87.2	87.6	87.6	87.6	87.8	87.8	87.9	88.2
GE 2500	86.8	87.9	88.3	88.4	88.5	88.5	88.8	88.8	88.8	89.1	89.1	89.1	89.3	89.3	89.4	89.7
GE 2000	87.4	88.6	89.1	89.2	89.4	89.4	89.6	89.6	89.6	90.0	90.0	90.0	90.2	90.2	90.3	90.6
GE 1800	87.7	88.9	89.4	89.5	89.7	89.7	90.0	90.0	90.0	90.3	90.3	90.3	90.5	90.5	90.6	90.9
GE 1500	88.5	90.2	90.8	90.9	91.2	91.2	91.4	91.4	91.4	91.7	91.7	91.7	91.9	91.9	92.0	92.4
GE 1200	89.4	91.2	91.9	92.0	92.4	92.4	92.6	92.6	92.6	92.9	92.9	92.9	93.1	93.1	93.2	93.6
GE 1000	90.8	92.6	93.3	93.4	93.9	93.9	94.1	94.1	94.1	94.4	94.4	94.4	94.7	94.7	94.8	95.1
GE 900	90.9	92.7	93.6	93.7	94.1	94.1	94.3	94.3	94.3	94.7	94.7	94.7	94.9	94.9	95.0	95.3
GE 800	91.5	93.2	94.2	94.3	94.8	94.8	95.0	95.0	95.0	95.3	95.3	95.3	95.5	95.5	95.6	96.0
GE 700	91.7	93.4	94.4	94.5	95.0	95.0	95.2	95.2	95.2	95.5	95.5	95.5	95.7	95.7	95.9	96.2
GE 600	91.8	93.7	95.0	95.1	95.5	95.5	95.7	95.7	95.7	96.1	96.1	96.1	96.3	96.3	96.4	96.7
GE 500	92.1	94.0	95.3	95.4	95.9	95.9	96.1	96.1	96.1	96.4	96.6	96.6	96.8	96.8	96.9	97.3
GE 400	92.5	94.4	95.7	96.0	96.6	96.6	96.8	96.8	96.8	97.4	97.6	97.6	97.8	97.8	97.9	98.3
GE 300	92.6	94.7	96.0	96.2	96.8	96.8	97.1	97.1	97.1	97.7	97.9	97.9	98.1	98.1	98.3	98.6
GE 200	92.6	94.7	96.0	96.3	96.9	96.9	97.2	97.3	97.3	97.9	98.3	98.3	98.8	98.8	99.0	99.8
GE 100	92.6	94.7	96.0	96.3	96.9	96.9	97.2	97.4	97.4	98.0	98.4	98.4	99.0	99.0	99.2	100.0
GE 000	92.6	94.7	96.0	96.3	96.9	96.9	97.2	97.4	97.4	98.0	98.4	98.4	99.0	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 916



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.5	31.5	31.5	31.7	31.8	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.3	32.3	32.6	33.0
GE 20000	34.4	34.4	34.4	34.6	34.8	34.8	34.9	35.0	35.0	35.0	35.0	35.0	35.4	35.4	35.5	36.1
GE 18000	34.4	34.4	34.4	34.6	34.8	34.8	34.9	35.0	35.0	35.0	35.0	35.0	35.4	35.4	35.6	36.1
GE 16000	34.9	34.9	34.9	35.1	35.2	35.2	35.3	35.4	35.4	35.4	35.4	35.4	35.9	35.9	36.1	36.5
GE 14000	36.8	36.8	36.8	37.1	37.2	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.8	37.8	38.0	38.5
GE 12000	39.6	39.6	39.7	40.0	40.1	40.1	40.2	40.4	40.4	40.4	40.4	40.4	40.8	40.8	41.0	41.4
GE 10000	44.2	44.2	44.3	44.6	44.7	44.7	44.8	45.0	45.0	45.0	45.0	45.0	45.4	45.4	45.6	46.1
GE 9000	47.8	47.8	47.9	48.2	48.4	48.4	48.5	48.6	48.6	48.6	48.6	48.6	49.0	49.0	49.2	49.7
GE 8000	51.6	51.6	51.8	52.1	52.2	52.2	52.3	52.4	52.4	52.5	52.5	52.5	53.0	53.0	53.2	53.6
GE 7000	54.9	54.9	55.2	55.5	55.6	55.6	55.7	55.8	55.8	55.9	55.9	55.9	56.4	56.4	56.6	57.0
GE 6000	58.8	58.8	59.0	59.4	59.5	59.5	59.6	59.9	59.9	60.0	60.0	60.0	60.5	60.5	60.7	61.2
GE 5000	65.2	65.2	65.5	65.9	66.0	66.0	66.1	66.3	66.3	66.4	66.4	66.4	67.0	67.0	67.3	67.8
GE 4500	69.1	69.1	69.3	69.7	69.8	69.8	70.0	70.2	70.2	70.3	70.3	70.3	70.8	70.8	71.2	71.6
GE 4000	71.5	71.5	71.7	72.1	72.3	72.3	72.4	72.6	72.6	72.7	72.7	72.7	73.4	73.4	73.7	74.1
GE 3500	74.5	74.5	74.9	75.3	75.4	75.4	75.5	75.8	75.8	75.9	75.9	75.9	76.5	76.5	76.9	77.3
GE 3000	76.4	76.5	77.0	77.4	77.5	77.5	77.6	77.9	77.9	78.0	78.0	78.0	78.6	78.6	78.9	79.4
GE 2500	78.5	78.6	79.1	79.5	79.7	79.7	79.8	80.0	80.0	80.2	80.2	80.2	80.8	80.8	81.1	81.6
GE 2000	79.6	79.9	80.5	80.9	81.3	81.3	81.4	81.6	81.6	81.7	81.7	81.7	82.3	82.3	82.7	83.1
GE 1800	80.5	80.8	81.4	81.8	82.1	82.1	82.2	82.5	82.5	82.6	82.6	82.6	83.2	83.2	83.6	84.0
GE 1500	81.6	81.9	82.6	83.0	83.3	83.3	83.6	83.8	83.8	83.9	83.9	83.9	84.5	84.5	84.9	85.3
GE 1200	82.9	83.8	84.4	85.0	85.4	85.4	85.6	85.9	85.9	86.0	86.0	86.0	86.6	86.6	87.0	87.4
GE 1000	84.0	84.9	85.6	86.3	86.7	86.7	87.1	87.3	87.3	87.4	87.4	87.4	88.0	88.0	88.4	88.8
GE 900	84.2	85.3	86.1	86.7	87.2	87.2	87.5	87.7	87.7	87.8	87.8	87.8	88.5	88.5	88.8	89.3
GE 800	84.4	85.7	86.5	87.2	87.7	87.7	88.0	88.3	88.3	88.4	88.4	88.4	89.0	89.0	89.4	89.8
GE 700	84.8	86.1	86.8	87.5	88.0	88.0	88.4	88.7	88.7	88.8	88.8	88.8	89.5	89.5	89.8	90.2
GE 600	85.2	86.5	87.3	87.9	88.6	88.7	89.0	89.4	89.4	89.6	89.6	89.6	90.2	90.2	90.6	91.0
GE 500	85.9	87.2	88.2	88.8	89.6	89.7	90.1	90.6	90.6	90.8	90.8	90.8	91.4	91.4	91.8	92.2
GE 400	87.2	88.5	89.5	90.2	91.2	91.3	91.9	92.3	92.4	92.8	93.0	93.0	93.8	93.8	94.1	94.5
GE 300	87.8	89.4	90.5	91.2	92.2	92.4	93.3	93.9	94.0	94.6	95.0	95.0	96.1	96.1	96.4	96.9
GE 200	87.8	89.4	90.5	91.3	92.3	92.5	93.5	94.2	94.3	95.4	95.7	95.7	97.3	97.4	97.8	98.5
GE 100	87.8	89.4	90.5	91.3	92.3	92.5	93.5	94.2	94.3	95.4	95.7	95.7	97.7	98.0	98.7	100.0
GE 000	87.8	89.4	90.5	91.3	92.3	92.5	93.5	94.2	94.3	95.4	95.7	95.7	97.7	98.0	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 912

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.1	33.1	33.1	33.1	33.4	33.4	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.6	33.6	33.6
GE 20000	36.3	36.3	36.3	36.3	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.9	36.9	36.9
GE 18000	36.5	36.5	36.5	36.5	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	37.0	37.0	37.0
GE 16000	36.8	36.8	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.3	37.3	37.3
GE 14000	38.3	38.3	38.3	38.3	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.8	38.8	38.8
GE 12000	42.2	42.2	42.2	42.2	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.9	42.9	42.9
GE 10000	45.8	45.8	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.4	46.4	46.4	46.4	46.5	46.5	46.5
GE 9000	49.0	49.0	49.0	49.0	49.4	49.4	49.4	49.4	49.4	49.5	49.5	49.5	49.5	49.6	49.6	49.6
GE 8000	54.7	54.7	54.7	54.7	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.4	55.4	55.4
GE 7000	57.1	57.1	57.1	57.1	57.6	57.6	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.8	57.8	57.8
GE 6000	61.3	61.3	61.3	61.3	61.7	61.7	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.9	61.9	61.9
GE 5000	68.1	68.1	68.3	68.3	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	69.0	69.0	69.0
GE 4500	70.4	70.4	70.6	70.6	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.3	71.3	71.3
GE 4000	71.7	71.9	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.9	72.9	72.9
GE 3500	73.8	74.1	74.5	74.5	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2
GE 3000	75.5	75.8	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.9	76.9	76.9
GE 2500	77.8	78.5	79.1	79.1	79.7	79.7	79.7	79.7	79.7	79.9	79.8	79.8	79.8	79.9	79.9	79.9
GE 2000	80.4	81.2	81.9	81.9	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.7	82.7	82.7
GE 1800	81.3	82.0	82.8	82.8	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.6	83.6	83.6
GE 1500	84.2	85.4	86.4	86.4	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.4	87.4	87.4
GE 1200	87.2	88.4	89.4	89.4	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.8	90.8	90.8
GE 1000	88.4	89.6	90.6	90.6	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	92.1	92.1	92.1
GE 900	88.5	89.7	90.8	90.8	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.2	92.2	92.2
GE 800	89.0	90.3	91.4	91.4	92.4	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	92.9
GE 700	89.6	91.0	92.1	92.1	93.3	93.4	93.8	93.8	93.8	93.9	93.9	93.9	93.9	94.0	94.0	94.0
GE 600	90.6	92.2	93.5	93.5	94.8	94.9	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.6	95.6	95.6
GE 500	91.0	92.5	93.8	94.0	95.3	95.6	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.7	96.7	96.8
GE 400	91.3	92.8	94.1	94.3	95.9	96.2	96.8	97.0	97.0	97.6	97.7	97.7	97.7	97.8	97.8	97.9
GE 300	91.4	92.9	94.2	94.5	96.1	96.5	97.6	97.8	97.9	99.0	99.1	99.1	99.2	99.3	99.3	99.5
GE 200	91.5	93.0	94.3	94.6	96.2	96.6	97.8	98.2	98.3	99.5	99.6	99.6	99.7	99.8	99.8	99.9
GE 100	91.5	93.0	94.3	94.6	96.2	96.6	97.8	98.2	98.3	99.5	99.6	99.6	99.7	99.8	99.8	100.0
GE 000	91.5	93.0	94.3	94.6	96.2	96.6	97.8	98.2	98.3	99.5	99.6	99.6	99.7	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.6	36.6	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0	37.0
GE 20000	41.5	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 18000	41.5	41.5	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 16000	41.6	41.6	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 14000	43.2	43.2	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 12000	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 10000	51.9	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 9000	56.7	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 7000	64.2	64.2	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 6000	68.4	68.4	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4500	76.3	76.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4000	78.0	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 3000	83.8	83.8	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	88.2	88.2	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	91.5	91.6	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	92.4	92.6	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	94.5	95.0	95.7	95.8	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	96.3	96.8	97.6	97.7	97.9	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	96.4	96.9	97.7	97.8	98.0	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	96.7	97.2	98.0	98.1	98.3	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	96.8	97.4	98.1	98.2	98.5	98.6	98.9	98.9	93.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	96.9	97.5	98.3	98.5	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	97.0	97.6	98.5	98.6	98.8	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	97.1	97.7	98.6	98.7	98.9	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.1	97.7	98.6	98.7	98.9	99.1	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	97.1	97.7	98.6	98.7	98.9	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	97.7	98.6	98.7	98.9	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	97.7	98.6	98.7	98.9	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	97.7	98.6	98.7	98.9	99.1	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 909

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 20000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 18000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 16000	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 14000	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 12000	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 10000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 9000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 8000	62.6	62.6	62.6	62.6	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 7000	65.8	65.8	65.8	65.8	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 6000	70.1	70.1	70.1	70.1	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 5000	77.0	77.0	77.0	77.0	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 4500	81.9	81.9	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	89.5	89.5	89.5	89.5	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000	91.8	91.9	91.9	91.9	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	93.7	93.8	93.9	93.9	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	95.5	95.6	96.0	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	96.0	96.2	96.5	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	96.7	97.3	97.6	97.8	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	97.5	98.0	98.4	98.6	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	97.9	98.5	98.8	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.9	98.5	98.8	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	97.9	98.5	98.8	99.0	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.0	98.6	98.9	99.1	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.0	98.6	98.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.0	98.6	98.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.0	98.6	98.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.0	98.6	98.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.0	98.6	98.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.0	98.6	98.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.0	98.6	98.9	99.1	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 917

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.4	36.4	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 20000	44.6	44.6	44.6	44.6	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 18000	45.2	45.2	45.2	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 16000	45.7	45.7	45.7	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 14000	47.2	47.2	47.2	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 12000	50.3	50.3	50.3	50.3	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 10000	54.8	54.8	54.8	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 9000	58.1	58.1	58.1	58.1	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
GE 8000	65.6	65.6	65.6	65.6	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	68.1	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	73.7	73.8	73.8	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 5000	81.5	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4500	86.1	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4000	90.1	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	92.3	92.4	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	93.6	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	94.4	94.5	94.6	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	95.2	95.5	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	96.1	96.4	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	96.9	97.1	97.7	97.7	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	97.7	97.9	98.5	98.6	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	97.8	98.0	98.6	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.8	98.0	98.6	98.7	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	97.8	98.1	98.7	98.8	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	97.8	98.1	98.7	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.8	98.1	98.7	98.8	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.0	98.3	98.9	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.0	98.3	98.9	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.0	98.3	98.9	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.0	98.3	98.9	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.0	98.3	98.9	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.0	98.3	98.9	99.0	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 905

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.6	37.6	37.6	37.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 20000	42.4	42.4	42.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 18000	42.4	42.4	42.4	42.4	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 16000	43.0	43.0	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 14000	44.8	44.8	44.8	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 12000	48.9	48.9	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000	54.1	54.1	54.1	54.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 9000	59.6	59.6	59.6	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	64.5	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 7000	69.5	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 6000	75.0	75.0	75.1	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 5000	81.5	81.5	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500	85.9	85.9	86.0	86.0	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 4000	88.9	88.9	89.0	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	92.2	92.5	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	93.2	93.5	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	94.2	94.5	94.7	94.7	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	94.9	95.2	95.5	95.5	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	95.2	95.6	95.8	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	96.6	97.2	97.7	97.7	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	97.2	97.8	98.4	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	97.2	97.8	98.4	98.4	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	97.2	97.8	98.5	98.5	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	97.3	97.9	98.6	98.8	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.3	97.9	98.6	98.8	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	97.3	97.9	98.6	98.8	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.3	97.9	98.6	98.8	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.4	98.1	98.7	98.9	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	98.1	98.7	98.9	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	98.1	98.7	98.9	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	98.1	98.7	98.9	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	98.1	98.7	98.9	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.2	35.3	35.3	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.7	35.7
GE 20000	39.8	39.9	39.9	39.9	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.2	40.2	40.3	40.3
GE 18000	40.0	40.0	40.1	40.1	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4	40.5
GE 16000	40.4	40.4	40.5	40.5	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.9
GE 14000	42.0	42.1	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.5	42.5
GE 12000	45.7	45.7	45.8	45.8	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.2	46.2
GE 10000	50.1	50.2	50.2	50.3	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.6	50.6	50.7
GE 9000	54.1	54.1	54.2	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.7
GE 8000	59.7	59.7	59.8	59.8	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.3
GE 7000	63.3	63.3	63.4	63.4	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.9
GE 6000	67.7	67.7	67.9	67.9	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.4	68.4
GE 5000	74.5	74.6	74.7	74.8	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.3
GE 4500	78.4	78.5	78.7	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2	79.2	79.3
GE 4000	81.2	81.4	81.6	81.6	81.8	81.8	81.9	81.9	81.9	82.0	82.0	82.0	82.1	82.1	82.2	82.3
GE 3500	84.5	84.7	85.0	85.0	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.5	85.6	85.6
GE 3000	86.5	86.8	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.7	87.8
GE 2500	88.4	88.7	89.1	89.1	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.8
GE 2000	89.9	90.3	90.7	90.8	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.4	91.4	91.4	91.5
GE 1800	90.5	90.9	91.4	91.5	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.1	92.2
GE 1500	91.8	92.5	93.1	93.2	93.6	93.7	93.8	93.8	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.1
GE 1200	93.1	93.8	94.4	94.6	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.5	95.5	95.6	95.7
GE 1000	93.6	94.4	95.0	95.2	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.3	96.4
GE 900	93.7	94.6	95.2	95.4	95.9	96.0	96.2	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.5	96.5
GE 800	94.0	94.8	95.5	95.7	96.3	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.9
GE 700	94.1	95.0	95.7	95.9	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.2
GE 600	94.4	95.3	96.1	96.3	97.0	97.0	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.6	97.6	97.7
GE 500	94.6	95.5	96.3	96.6	97.2	97.3	97.6	97.7	97.7	97.9	97.9	97.9	98.0	98.0	98.1	98.2
GE 400	94.9	95.8	96.6	96.9	97.6	97.7	98.0	98.1	98.2	98.4	98.4	98.4	98.6	98.6	98.6	98.8
GE 300	95.0	96.0	96.8	97.1	97.9	98.0	98.4	98.5	98.6	98.9	99.0	99.0	99.2	99.2	99.2	99.4
GE 200	95.0	96.0	96.8	97.2	97.9	98.0	98.5	98.6	98.7	99.1	99.2	99.2	99.5	99.5	99.6	99.8
GE 100	95.0	96.0	96.8	97.2	97.9	98.0	98.5	98.6	98.7	99.1	99.2	99.2	99.5	99.6	99.7	100.0
GE 000	95.0	96.0	96.8	97.2	97.9	98.0	98.5	98.6	98.7	99.1	99.2	99.2	99.5	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7324

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 20000	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 18000	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 16000	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 14000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 12000	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 8000	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 6000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 5000	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4500	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4000	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3500	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3000	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	95.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	97.1	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 500	97.3	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 400	97.5	98.1	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.7	98.7	98.7	98.7
GE 300	97.7	98.2	98.4	98.4	98.5	98.5	98.8	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 200	97.7	98.3	98.5	98.7	99.0	99.0	99.3	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	97.7	98.3	98.5	98.7	99.0	99.0	99.3	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	97.7	98.3	98.5	98.7	99.0	99.0	99.3	99.3	99.3	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.2	37.3	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 20000	42.1	42.2	42.2	42.2	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 18000	43.1	43.2	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 16000	43.4	43.5	43.6	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 14000	44.3	44.4	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 12000	47.8	47.9	48.0	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 10000	51.9	52.0	52.1	52.1	52.1	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 9000	56.4	56.5	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 8000	60.5	60.6	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 7000	63.8	64.0	64.1	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	67.0	67.1	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	74.1	74.2	74.3	74.3	74.4	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	78.6	78.7	78.8	78.8	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4000	80.7	80.8	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	83.9	84.0	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 3000	86.7	86.9	87.1	87.1	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	88.2	88.5	88.6	88.6	88.7	88.7	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2000	89.8	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	90.3	90.8	91.0	91.0	91.1	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	91.6	92.3	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	92.7	93.6	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	93.4	94.3	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	93.5	94.4	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	93.8	94.8	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	93.8	94.8	95.3	95.5	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 600	94.0	95.2	95.9	96.1	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	94.2	95.6	96.3	96.5	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 400	94.4	96.2	97.0	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.7
GE 300	95.2	97.0	97.8	98.0	98.1	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 200	95.2	97.0	97.9	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.9	98.9	99.1	99.1	99.2	99.4
GE 100	95.2	97.0	97.9	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.9	98.9	99.3	99.3	99.6	99.8
GE 000	95.2	97.0	97.9	98.1	98.2	98.3	98.4	98.4	98.4	98.5	98.9	98.9	99.3	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.9	32.9	32.9	32.9
GE 20000	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.7	36.7	36.7	36.7
GE 18000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.9	36.9	36.9	36.9
GE 16000	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.2	37.2	37.2	37.2
GE 14000	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.5	38.5	38.5	38.5
GE 12000	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.3	42.3	42.3	42.3
GE 10000	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.0	47.0	47.0	47.0
GE 9000	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	51.1	51.1	51.1	51.1
GE 8000	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.7	56.7	56.7	56.9	56.9	56.9	56.9
GE 7000	60.9	60.9	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2	61.5	61.5	61.5	61.6
GE 6000	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.5	65.5	65.5	65.8	65.8	65.8	65.9
GE 5000	72.7	72.9	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.4	73.4	73.4	73.6
GE 4500	76.8	77.2	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.7	77.7	77.7	77.9
GE 4000	78.5	79.0	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.5	79.5	79.5	79.8	79.8	79.9	80.0
GE 3500	81.2	81.9	82.0	82.0	82.1	82.1	82.3	82.3	82.3	82.6	82.6	82.6	82.8	82.8	82.9	83.1
GE 3000	82.9	83.6	83.7	83.7	83.8	83.8	84.0	84.0	84.0	84.4	84.4	84.4	84.6	84.6	84.7	84.9
GE 2500	84.3	85.0	85.1	85.1	85.2	85.2	85.6	85.6	85.6	86.2	86.2	86.2	86.4	86.4	86.6	86.7
GE 2000	86.2	86.9	87.0	87.0	87.2	87.2	87.8	87.8	87.8	88.4	88.4	88.4	88.6	88.6	88.7	88.8
GE 1800	86.6	87.2	87.3	87.3	87.6	87.6	88.1	88.1	88.1	88.7	88.7	88.7	88.9	88.9	89.0	89.2
GE 1500	87.9	88.6	88.7	88.7	88.9	88.9	89.5	89.5	89.5	90.1	90.1	90.1	90.3	90.3	90.4	90.5
GE 1200	88.4	89.0	89.9	90.1	90.3	90.3	90.8	90.8	90.8	91.4	91.4	91.4	91.6	91.6	91.8	91.9
GE 1000	89.2	89.8	90.8	91.0	91.2	91.2	91.9	91.9	91.9	92.5	92.5	92.5	92.8	92.8	92.9	93.0
GE 900	89.2	89.8	90.8	91.0	91.3	91.3	92.0	92.1	92.1	92.8	92.8	92.8	93.0	93.0	93.1	93.2
GE 800	89.3	89.9	91.0	91.2	91.5	91.8	92.4	92.5	92.5	93.2	93.2	93.2	93.4	93.4	93.6	93.7
GE 700	90.2	90.8	92.0	92.2	92.5	92.8	93.4	93.6	93.6	94.4	94.4	94.4	94.6	94.6	94.7	94.8
GE 600	90.6	91.3	92.4	92.7	93.1	93.3	94.0	94.1	94.1	94.9	94.9	94.9	95.1	95.1	95.3	95.6
GE 500	91.0	91.8	93.0	93.2	93.7	93.9	94.7	94.8	94.8	95.6	95.6	95.6	95.8	95.8	95.9	96.4
GE 400	91.0	91.8	93.3	93.6	94.1	94.5	95.3	95.5	95.5	96.3	96.3	96.3	96.5	96.5	96.6	97.1
GE 300	91.1	92.0	94.0	94.4	95.0	95.4	96.3	96.5	96.5	97.6	97.9	97.9	98.2	98.2	98.4	98.9
GE 200	91.1	92.0	94.0	94.4	95.0	95.4	96.3	96.6	96.6	97.9	98.1	98.1	98.9	98.9	99.2	99.9
GE 100	91.1	92.0	94.0	94.4	95.0	95.4	96.3	96.6	96.6	97.9	98.1	98.1	99.0	99.0	99.3	100.0
GE 000	91.1	92.0	94.0	94.4	95.0	95.4	96.3	96.6	96.6	97.9	98.1	98.1	99.0	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 20000	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 18000	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 16000	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 14000	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 12000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 10000	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
GE 9000	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 8000	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 7000	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 6000	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 5000	68.6	68.6	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4500	73.8	73.8	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4000	77.0	77.0	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3500	80.5	80.6	80.6	80.6	80.7	80.7	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	82.7	82.8	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	84.6	84.7	84.7	84.7	84.8	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	87.3	87.5	87.5	87.5	87.7	87.7	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	88.0	88.2	88.3	88.3	88.6	88.6	89.0	89.0	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	89.8	90.1	90.3	90.3	90.5	90.7	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1200	90.0	90.5	90.7	90.7	90.9	91.3	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1000	91.1	91.7	92.0	92.0	92.2	92.5	93.0	93.0	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 900	91.3	92.0	92.2	92.2	92.4	92.8	93.2	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	91.4	92.1	92.3	92.3	92.5	93.0	93.4	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	91.7	92.4	92.8	92.8	93.0	93.4	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	92.4	93.2	93.5	93.5	93.9	94.3	94.9	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 500	92.8	93.7	94.0	94.0	94.5	94.9	95.6	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 400	93.5	94.8	95.5	95.5	95.9	96.4	97.4	97.7	97.7	98.1	98.1	98.1	98.3	98.3	98.3	98.3
GE 300	93.8	95.2	95.9	95.9	96.4	96.8	98.0	98.4	98.4	98.9	99.0	99.0	99.2	99.2	99.2	99.2
GE 200	93.8	95.2	95.9	95.9	96.4	96.9	98.1	98.6	98.6	99.2	99.3	99.3	99.7	99.7	99.8	99.8
GE 100	93.8	95.2	95.9	95.9	96.4	96.9	98.1	98.6	98.6	99.2	99.3	99.3	99.7	99.8	100.0	100.0
GE 000	93.8	95.2	95.9	95.9	96.4	96.9	98.1	98.6	98.6	99.2	99.3	99.3	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 883

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7	35.7
GE 20000	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 16000	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 14000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 12000	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 10000	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 9000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 8000	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 7000	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 5000	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 4000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	88.6	88.7	88.7	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	90.5	90.6	90.6	90.7	90.7	90.7	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	91.6	91.8	91.8	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	94.0	94.2	94.2	94.5	94.6	94.6	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	94.5	94.7	94.8	95.1	95.3	95.3	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	95.7	95.9	96.0	96.4	96.5	96.5	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	96.2	96.4	96.5	96.8	97.0	97.0	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	96.5	96.7	96.8	97.2	97.4	97.4	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	96.8	97.1	97.2	97.5	97.7	97.7	98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	97.0	97.2	97.3	97.6	97.9	97.9	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	97.3	97.5	97.6	98.0	98.2	98.3	98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	97.7	98.0	98.1	98.4	98.6	99.0	99.5	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	97.9	98.1	98.2	98.5	98.8	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.9	98.1	98.2	98.5	98.8	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.9	98.1	98.2	98.5	98.8	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.9	98.1	98.2	98.5	98.8	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 20000	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 18000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 16000	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
GE 14000	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 12000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 10000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 9000	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 8000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 7000	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 6000	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4500	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 4000	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 3500	84.2	84.3	84.5	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	87.8	88.2	88.3	88.4	88.4	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	90.5	91.0	91.3	91.4	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	93.6	94.0	94.4	94.5	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	93.9	94.4	94.7	94.8	95.0	95.0	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500	95.3	95.7	96.1	96.2	96.5	96.5	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	96.1	96.5	96.8	97.0	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	96.4	97.0	97.3	97.4	97.7	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	96.4	97.0	97.3	97.4	97.7	97.9	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	96.5	97.1	97.4	97.5	97.9	98.0	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	96.7	97.3	97.6	97.7	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	97.0	97.5	97.9	98.0	98.5	98.6	98.9	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	97.0	97.5	97.9	98.0	98.5	98.6	99.1	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	97.2	97.9	98.2	98.3	98.9	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.2	97.9	98.2	98.3	98.9	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.2	97.9	98.2	98.3	98.9	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.2	97.9	98.2	98.3	98.9	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.2	97.9	98.2	98.3	98.9	99.0	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 888

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 20000	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 18000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 16000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 14000	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 12000	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 10000	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 9000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 8000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 6000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 3500	88.1	88.1	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3000	90.2	90.2	90.4	90.4	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	93.0	93.1	93.4	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	94.5	94.7	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1800	94.6	94.8	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	95.6	95.9	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	96.4	96.7	97.1	97.1	97.5	97.7	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	97.1	97.4	97.7	97.9	98.3	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	97.1	97.4	97.7	97.9	98.3	98.5	98.5	98.5	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	97.2	97.5	97.9	98.0	98.4	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	97.3	97.6	98.0	98.1	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	97.3	97.6	98.0	98.1	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	97.3	97.6	98.0	98.1	98.5	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	97.4	97.7	98.1	98.2	98.8	99.0	99.2	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	97.4	97.7	98.1	98.3	99.0	99.2	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	97.7	98.1	98.3	99.0	99.2	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	97.7	98.1	98.3	99.0	99.2	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	97.7	98.1	98.3	99.0	99.2	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.2	38.2
GE 20000	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.4	44.4
GE 18000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.5	44.7	44.7
GE 16000	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	44.9	45.0	45.0
GE 14000	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.4	46.4	46.4	46.4	46.5	46.5
GE 12000	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4	50.4	50.4	50.6	50.6
GE 10000	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	54.0	54.0
GE 9000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.1	57.1
GE 8000	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.4	62.4
GE 7000	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.1	66.1
GE 6000	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.7	70.7
GE 5000	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.2	77.2
GE 4500	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.7	80.7
GE 4000	82.9	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.4
GE 3500	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	87.0	87.0
GE 3000	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.4	90.4
GE 2500	91.6	92.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8
GE 2000	92.7	93.2	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.2	94.2
GE 1800	93.3	94.0	94.5	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.0	95.0
GE 1500	94.5	95.4	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4
GE 1200	95.9	96.9	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	98.0	98.0
GE 1000	96.0	97.0	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.2	98.2
GE 900	96.2	97.2	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.4	98.4
GE 800	96.2	97.2	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.6	98.6
GE 700	96.2	97.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8
GE 600	96.3	97.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0
GE 500	96.4	97.4	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.1	99.1
GE 400	96.4	97.4	98.4	98.4	98.8	98.8	98.8	98.8	99.0	99.0	99.1	99.1	99.2	99.2	99.3	99.3
GE 300	96.9	98.0	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.9	100.0	100.0
GE 200	96.9	98.0	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.9	100.0	100.0
GE 100	96.9	98.0	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.9	100.0	100.0
GE 000	96.9	98.0	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.7	99.7	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.1	36.1	36.1	36.1
GE 20000	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7
GE 18000	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	41.0	41.0	41.0
GE 16000	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.3	41.3
GE 14000	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8
GE 12000	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9
GE 10000	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4	51.4	51.4
GE 9000	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 8000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8
GE 7000	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5
GE 6000	67.6	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9
GE 5000	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4500	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2
GE 4000	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8	84.8
GE 3000	87.0	87.3	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7
GE 2500	89.2	89.5	89.6	89.7	89.8	89.8	89.9	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 2000	91.0	91.4	91.5	91.6	91.7	91.7	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.2	92.2
GE 1800	91.5	91.9	92.1	92.1	92.3	92.3	92.5	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500	93.1	93.5	93.7	93.8	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 1200	93.8	94.4	94.7	94.8	95.0	95.1	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6
GE 1000	94.4	95.0	95.4	95.5	95.7	95.8	96.0	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	94.6	95.2	95.6	95.7	95.9	96.0	96.2	96.2	96.2	96.4	96.4	96.4	96.5	96.5	96.5	96.5
GE 800	94.7	95.3	95.7	95.8	96.1	96.2	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	94.9	95.5	96.0	96.1	96.4	96.5	96.8	96.8	96.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 600	95.2	95.9	96.3	96.5	96.8	96.9	97.2	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 500	95.4	96.1	96.6	96.7	97.1	97.2	97.6	97.6	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.0
GE 400	95.7	96.5	97.1	97.2	97.6	97.8	98.2	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.8	98.8
GE 300	95.9	96.8	97.5	97.6	98.0	98.2	98.7	98.8	98.8	99.2	99.3	99.3	99.4	99.4	99.4	99.5
GE 200	95.9	96.8	97.5	97.7	98.1	98.3	98.7	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.8	99.9
GE 100	95.9	96.8	97.5	97.7	98.1	98.3	98.7	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	100.0
GE 000	95.9	96.8	97.5	97.7	98.1	98.3	98.7	98.9	99.0	99.4	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7115



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.1	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	37.2	37.2	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 18000	37.8	37.8	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
GE 16000	38.0	38.0	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 14000	39.1	39.1	39.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 12000	41.5	41.5	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 10000	45.1	45.2	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 9000	48.6	48.8	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 8000	51.5	51.7	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 7000	53.8	54.0	54.5	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 6000	55.8	56.1	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 5000	61.3	61.8	62.4	62.5	62.5	62.5	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 4500	64.8	65.4	65.9	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3
GE 4000	66.8	67.4	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.5	68.5	68.6	68.7	68.7	68.7	68.7
GE 3500	70.9	72.2	72.9	73.1	73.2	73.2	73.4	73.4	73.4	73.5	73.7	73.8	73.8	73.8	73.8	73.8
GE 3000	75.6	77.1	78.2	78.5	78.9	78.9	79.2	79.2	79.2	79.4	79.5	79.6	79.6	79.6	79.6	79.6
GE 2500	78.3	80.1	81.3	81.8	82.3	82.4	82.8	82.8	82.8	82.9	83.0	83.1	83.1	83.1	83.1	83.1
GE 2000	80.3	82.5	84.1	84.8	85.7	85.8	86.6	86.6	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.0
GE 1800	80.9	83.2	84.8	85.6	86.7	86.8	87.5	87.5	87.5	87.7	87.8	88.0	88.0	88.0	88.0	88.0
GE 1500	82.2	84.5	86.3	87.2	88.8	88.9	89.7	89.9	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3
GE 1200	83.8	86.5	88.4	89.4	91.3	91.4	92.2	92.4	92.4	92.9	93.0	93.1	93.1	93.1	93.1	93.1
GE 1000	84.5	87.2	89.1	90.3	92.3	92.4	93.1	93.3	93.3	94.2	94.3	94.4	94.6	94.6	94.6	94.6
GE 900	84.5	87.2	89.2	90.4	92.5	92.6	93.3	93.5	93.5	94.4	94.5	94.6	94.8	94.8	94.8	94.8
GE 800	85.3	88.1	90.1	91.3	93.5	93.7	94.5	94.7	94.7	95.7	95.8	95.9	96.1	96.1	96.1	96.1
GE 700	85.5	88.4	90.4	91.6	93.9	94.0	94.8	95.1	95.1	96.0	96.1	96.2	96.5	96.5	96.5	96.5
GE 600	86.1	89.1	91.2	92.4	94.6	94.7	95.6	95.8	95.8	97.0	97.1	97.3	97.5	97.5	97.5	97.5
GE 500	86.2	89.5	91.5	92.7	95.1	95.2	96.0	96.2	96.2	97.4	97.5	97.7	98.1	98.1	98.1	98.1
GE 400	86.2	89.5	91.5	92.7	95.1	95.2	96.0	96.2	96.2	97.4	97.5	97.7	98.1	98.1	98.1	98.1
GE 300	86.2	89.6	91.6	92.8	95.2	95.3	96.2	96.5	96.5	97.8	98.1	98.6	99.2	99.2	99.2	99.2
GE 200	86.2	89.7	91.7	92.9	95.4	95.5	96.5	96.7	96.7	98.1	98.3	98.8	99.8	99.8	99.8	99.8
GE 100	86.2	89.7	91.7	92.9	95.4	95.5	96.5	96.7	96.7	98.1	98.3	98.9	99.9	99.9	99.9	100.0
GE 000	86.2	89.7	91.7	92.9	95.4	95.5	96.5	96.7	96.7	98.1	98.3	98.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 5

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.0	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.4	32.4	32.4	32.6
GE 20000	33.8	33.8	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.5
GE 18000	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.4	34.4	34.6
GE 16000	34.0	34.0	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.7
GE 14000	34.3	34.3	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8	34.8	34.8	35.1
GE 12000	36.7	36.7	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.5
GE 10000	42.4	42.4	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.3
GE 9000	45.8	45.8	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.8
GE 8000	48.1	48.1	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	49.3
GE 7000	52.0	52.0	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.9	52.9	52.9	53.3
GE 6000	54.2	54.2	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0	55.4
GE 5000	58.8	59.0	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.4
GE 4500	62.6	63.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.7
GE 4000	65.0	65.8	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.9
GE 3500	68.7	69.8	71.3	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	72.1
GE 3000	72.5	74.3	76.2	76.5	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.8
GE 2500	76.7	78.9	81.0	81.8	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.4
GE 2000	78.5	81.1	83.4	84.4	85.7	85.9	86.2	86.2	86.2	86.4	86.4	86.4	86.5	86.5	86.5	86.9
GE 1800	79.2	81.9	84.3	85.2	86.6	86.8	87.2	87.2	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.9
GE 1500	79.7	82.4	84.8	85.8	87.7	87.9	88.2	88.2	88.2	88.6	88.6	88.6	88.7	88.7	88.7	89.1
GE 1200	81.3	84.6	87.1	88.0	90.2	90.4	90.9	91.2	91.2	91.7	91.7	91.7	91.8	91.8	91.8	92.2
GE 1000	82.5	86.1	88.7	89.6	91.8	92.0	92.7	92.7	92.9	92.9	93.7	93.7	93.7	93.9	93.9	94.3
GE 900	83.0	86.6	89.3	90.3	92.4	92.7	93.3	93.5	93.5	93.5	94.4	94.4	94.4	94.5	94.5	94.9
GE 800	83.1	86.7	89.4	90.5	92.7	92.9	93.5	93.7	93.7	93.7	94.7	94.7	94.7	94.8	94.8	95.3
GE 700	83.5	87.2	89.9	90.9	93.1	93.3	94.0	94.2	94.2	95.1	95.1	95.1	95.3	95.3	95.3	95.7
GE 600	83.5	87.2	90.0	91.0	93.3	93.5	94.2	94.4	94.4	95.5	95.6	95.6	95.7	95.7	95.7	96.1
GE 500	83.6	87.3	90.3	91.5	94.1	94.3	94.9	95.1	95.1	96.3	96.4	96.4	96.5	96.5	96.5	97.0
GE 400	84.1	87.9	90.9	92.1	94.7	94.9	95.6	95.8	95.8	97.2	97.4	97.4	97.6	97.6	97.6	98.1
GE 300	84.4	88.3	91.4	92.6	95.3	95.5	96.1	96.3	96.3	97.7	98.0	98.2	98.7	98.7	98.7	99.1
GE 200	84.4	88.3	91.4	92.6	95.4	95.6	96.3	96.5	96.5	98.1	98.3	98.5	99.1	99.1	99.1	99.6
GE 100	84.4	88.3	91.4	92.6	95.4	95.6	96.4	96.7	96.7	98.5	98.7	98.9	99.6	99.6	99.6	100.0
GE 000	84.4	88.3	91.4	92.6	95.4	95.6	96.4	96.7	96.7	98.5	98.7	98.9	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.8	29.0	29.1	29.1	29.1	29.2	29.3	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.5	29.5
GE 20000	31.2	31.4	31.5	31.5	31.5	31.6	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.9	31.9
GE 18000	31.6	31.8	31.9	31.9	31.9	32.0	32.3	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.5	32.5
GE 16000	31.7	31.9	32.0	32.0	32.0	32.1	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.6	32.6
GE 14000	32.3	32.5	32.6	32.6	32.6	32.7	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.1	33.1
GE 12000	35.5	35.7	35.8	35.8	35.8	35.9	36.1	36.1	36.1	36.3	36.3	36.3	36.3	36.3	36.4	36.4
GE 10000	39.4	39.6	39.7	39.7	39.7	39.8	40.0	40.0	40.0	40.2	40.2	40.2	40.3	40.3	40.4	40.4
GE 9000	40.6	40.9	41.2	41.2	41.2	41.3	41.6	41.6	41.6	41.7	41.7	41.7	41.8	41.8	41.9	41.9
GE 8000	44.7	45.0	45.6	45.6	45.7	45.8	46.2	46.2	46.2	46.3	46.3	46.3	46.4	46.4	46.5	46.5
GE 7000	48.7	49.0	49.6	49.6	49.7	49.8	50.2	50.2	50.2	50.3	50.3	50.3	50.4	50.4	50.6	50.6
GE 6000	51.8	52.2	52.7	52.7	52.9	53.0	53.5	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.9	53.9
GE 5000	56.3	57.1	57.8	57.8	58.0	58.1	58.5	58.5	58.5	58.7	58.7	58.7	58.8	58.8	59.0	59.0
GE 4500	60.4	61.4	62.0	62.1	62.3	62.4	62.9	62.9	62.9	63.0	63.0	63.0	63.2	63.2	63.4	63.4
GE 4000	62.8	63.9	64.9	65.2	65.5	65.6	66.0	66.0	66.0	66.1	66.1	66.1	66.3	66.3	66.6	66.6
GE 3500	66.1	67.3	68.6	69.0	69.4	69.7	70.1	70.1	70.1	70.2	70.2	70.2	70.6	70.6	70.8	70.8
GE 3000	71.0	72.4	74.1	74.8	75.2	75.5	76.2	76.2	76.2	76.4	76.4	76.4	76.7	76.7	76.9	77.1
GE 2500	75.0	76.6	78.7	79.8	80.4	80.7	81.7	81.7	81.7	81.9	81.9	81.9	82.3	82.3	82.5	82.6
GE 2000	79.2	81.0	83.1	84.5	85.4	85.8	87.1	87.1	87.1	87.3	87.3	87.3	87.8	87.8	88.0	88.1
GE 1800	79.7	81.4	83.5	85.0	85.8	86.3	87.7	87.7	87.7	87.9	87.9	87.9	88.3	88.3	88.5	88.6
GE 1500	80.5	82.3	84.5	85.9	87.1	87.7	89.3	89.5	89.5	89.9	89.9	89.9	90.4	90.4	90.6	90.7
GE 1200	81.2	82.9	85.2	86.9	88.4	89.0	90.6	90.8	90.8	91.2	91.2	91.2	91.8	91.8	92.0	92.1
GE 1000	81.7	83.7	85.9	87.7	89.4	89.9	91.6	91.8	91.8	92.3	92.3	92.3	92.9	92.9	93.1	93.2
GE 900	82.1	84.1	86.4	88.1	89.8	90.4	92.0	92.2	92.2	92.7	92.9	92.9	93.4	93.4	93.6	93.7
GE 800	82.6	84.5	86.9	88.6	90.4	90.9	92.5	92.7	92.7	93.3	93.4	93.4	93.9	93.9	94.2	94.3
GE 700	82.8	84.7	87.1	88.9	90.6	91.1	92.7	93.0	93.0	93.6	93.7	93.7	94.3	94.3	94.5	94.6
GE 600	83.0	85.0	87.3	89.1	90.8	91.3	93.1	93.3	93.3	94.2	94.3	94.3	94.8	94.8	95.0	95.1
GE 500	83.3	85.3	87.7	89.5	91.3	91.9	93.6	93.8	93.8	94.8	94.9	94.9	95.6	95.6	95.8	95.9
GE 400	84.0	86.0	88.4	90.3	92.4	93.0	94.7	95.0	95.0	96.1	96.2	96.2	96.9	96.9	97.1	97.2
GE 300	84.3	86.5	88.9	90.9	93.1	93.7	95.9	96.2	96.2	97.4	97.6	97.6	98.7	98.7	99.0	99.1
GE 200	84.3	86.5	88.9	90.9	93.1	93.7	95.9	96.3	96.3	97.6	97.8	97.9	99.0	99.1	99.5	99.6
GE 100	84.3	86.5	89.0	91.0	93.2	93.8	96.2	96.6	96.6	98.1	98.3	98.4	99.5	99.6	99.9	100.0
GE 000	84.3	86.5	89.0	91.0	93.2	93.8	96.2	96.6	96.6	98.1	98.3	98.4	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.2	31.6	31.7	31.9	32.0	32.1	32.1	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.6	32.7
GE 20000	32.0	32.5	32.6	32.8	32.9	33.0	33.0	33.2	33.2	33.2	33.3	33.3	33.3	33.3	33.4	33.5
GE 18000	32.3	32.7	32.8	33.0	33.1	33.2	33.2	33.4	33.4	33.4	33.5	33.5	33.5	33.5	33.7	33.8
GE 16000	32.4	32.8	32.9	33.1	33.2	33.3	33.3	33.5	33.5	33.5	33.7	33.7	33.7	33.7	33.8	33.9
GE 14000	33.7	34.1	34.2	34.4	34.5	34.6	34.6	34.8	34.8	34.8	35.0	35.0	35.0	35.0	35.1	35.2
GE 12000	36.6	37.0	37.1	37.3	37.4	37.6	37.6	37.8	37.8	37.8	37.9	37.9	37.9	37.9	38.0	38.1
GE 10000	39.1	39.5	39.6	39.9	40.2	40.3	40.4	40.6	40.6	40.6	40.7	40.7	40.7	40.7	40.8	40.9
GE 9000	40.5	40.9	41.0	41.3	41.7	41.8	41.9	42.1	42.1	42.1	42.2	42.2	42.2	42.2	42.3	42.4
GE 8000	44.5	44.9	45.0	45.3	45.7	45.8	45.9	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.3	46.4
GE 7000	47.8	48.3	48.4	48.7	49.1	49.2	49.4	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.8	49.9
GE 6000	49.9	50.4	50.5	50.9	51.3	51.4	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8	51.9	52.1
GE 5000	54.5	55.2	55.5	56.0	56.5	56.6	56.9	57.1	57.1	57.1	57.3	57.3	57.3	57.3	57.4	57.5
GE 4500	57.8	58.5	58.9	59.4	60.2	60.3	60.6	60.8	60.8	60.8	60.9	60.9	60.9	60.9	61.0	61.1
GE 4000	59.5	60.3	60.6	61.1	61.9	62.0	62.4	62.7	62.7	62.7	62.8	62.8	62.8	62.9	63.0	63.1
GE 3500	64.2	65.2	65.5	66.1	66.9	67.0	67.4	67.6	67.6	67.6	67.7	67.7	67.7	67.9	68.1	68.2
GE 3000	67.9	69.3	69.7	70.5	71.4	71.8	72.7	72.9	72.9	72.9	73.2	73.2	73.2	73.3	73.5	73.6
GE 2500	71.5	73.1	73.7	74.6	75.8	76.1	77.8	78.6	78.6	78.7	78.9	78.9	78.9	79.0	79.2	79.3
GE 2000	75.0	76.7	77.4	78.5	79.8	80.2	82.6	83.5	83.5	83.7	83.9	83.9	83.9	84.0	84.2	84.3
GE 1800	75.6	77.4	78.0	79.1	80.5	81.0	83.3	84.3	84.3	84.5	84.7	84.7	84.7	84.8	85.1	85.2
GE 1500	77.6	79.8	80.4	81.5	83.3	83.8	86.3	87.3	87.8	88.1	88.3	88.3	88.3	88.4	88.6	88.7
GE 1200	78.5	80.7	81.4	82.5	84.3	84.7	87.6	88.6	89.1	89.5	89.8	89.8	89.9	90.0	90.3	90.6
GE 1000	78.9	81.2	81.8	82.9	84.7	85.2	88.0	89.1	89.5	90.0	90.4	90.4	90.4	90.5	90.8	91.1
GE 900	79.0	81.3	81.9	83.0	84.8	85.3	88.1	89.2	89.6	90.4	90.7	90.7	90.7	90.8	90.9	91.5
GE 800	79.2	81.9	82.6	83.7	85.5	85.9	88.9	89.9	90.4	91.2	91.9	91.9	92.0	92.1	92.3	92.6
GE 700	79.2	81.9	82.6	83.8	85.7	86.3	89.2	90.3	90.7	91.6	92.2	92.2	92.3	92.4	92.6	93.0
GE 600	79.4	82.1	82.8	84.0	85.9	86.5	89.4	90.5	90.9	91.8	92.6	92.6	92.7	92.9	93.1	93.4
GE 500	80.2	83.1	83.9	85.1	87.1	87.7	90.7	91.9	92.3	93.3	94.2	94.2	94.4	94.5	94.7	95.0
GE 400	80.3	83.5	84.4	85.6	87.9	88.5	91.7	92.9	93.3	94.3	95.3	95.3	95.6	95.7	95.9	96.2
GE 300	80.5	83.8	84.6	85.8	88.2	88.9	92.7	93.9	94.4	95.9	97.1	97.1	97.6	97.7	98.3	98.6
GE 200	80.5	83.8	84.6	85.8	88.4	89.1	93.1	94.3	94.7	96.5	97.7	97.7	98.5	98.6	99.4	99.8
GE 100	80.5	83.8	84.6	85.8	88.4	89.1	93.1	94.3	94.7	96.6	97.8	97.8	98.6	98.7	99.6	100.0
GE 000	80.5	83.8	84.6	85.8	88.4	89.1	93.1	94.3	94.7	96.6	97.8	97.8	98.6	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.2	35.3	35.8	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	36.0	36.0
GE 20000	36.7	36.8	37.3	37.3	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.5	37.5
GE 18000	37.2	37.3	37.7	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.9	37.9
GE 16000	37.3	37.4	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0
GE 14000	38.2	38.4	38.8	38.8	38.8	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	39.0	39.0
GE 12000	40.8	41.0	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.6	41.6
GE 10000	43.9	44.0	44.4	44.4	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7	44.7
GE 9000	46.8	46.9	47.3	47.3	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8
GE 8000	51.4	51.5	51.9	51.9	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4
GE 7000	54.2	54.3	54.7	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3
GE 6000	56.2	56.3	56.8	56.8	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3
GE 5000	61.2	61.5	62.1	62.2	62.5	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9
GE 4500	64.0	64.7	65.3	65.4	66.1	66.2	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
GE 4000	66.3	67.0	67.7	67.8	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
GE 3500	69.2	69.9	70.6	70.7	71.5	71.6	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.3	72.3
GE 3000	72.8	73.5	74.3	74.4	75.4	75.5	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.5	76.5
GE 2500	75.7	76.4	77.5	77.6	78.9	79.0	80.1	80.2	80.2	80.3	80.3	80.4	80.4	80.4	80.6	80.6
GE 2000	77.7	78.3	79.6	79.7	81.1	81.4	83.1	83.2	83.3	83.6	83.6	83.7	83.7	83.7	84.0	84.0
GE 1800	78.5	79.2	80.5	80.6	82.2	82.4	84.2	84.5	84.6	85.0	85.0	85.2	85.2	85.2	85.4	85.4
GE 1500	79.7	80.8	82.4	82.7	84.5	84.7	86.8	87.3	87.5	88.3	88.6	88.7	88.7	88.7	88.9	88.9
GE 1200	81.1	82.4	84.2	84.4	86.2	86.6	88.6	89.4	89.6	90.6	90.9	91.0	91.0	91.0	91.2	91.2
GE 1000	82.3	83.6	85.5	85.8	87.8	88.2	90.4	91.1	91.3	92.6	93.2	93.3	93.3	93.3	93.5	93.5
GE 900	82.8	84.1	85.9	86.2	88.2	88.6	90.9	91.7	91.9	93.4	93.9	94.0	94.0	94.0	94.3	94.3
GE 800	83.0	84.4	86.2	86.6	88.5	88.9	91.2	92.0	92.2	93.7	94.3	94.4	94.4	94.4	94.6	94.6
GE 700	83.2	84.6	86.5	86.8	88.8	89.3	91.5	92.4	92.6	94.3	94.9	95.0	95.0	95.0	95.2	95.2
GE 600	83.4	84.8	86.7	87.0	89.2	89.6	92.0	93.0	93.2	95.0	95.8	95.9	95.9	95.9	96.1	96.1
GE 500	84.0	85.4	87.2	87.5	90.0	90.5	92.8	93.8	94.0	95.9	96.7	96.9	96.9	96.9	97.1	97.1
GE 400	84.6	86.1	88.0	88.3	90.9	91.3	94.0	95.0	95.2	97.1	97.9	98.0	98.0	98.0	98.3	98.3
GE 300	84.8	86.3	88.2	88.5	91.1	91.5	94.8	95.8	96.0	97.9	98.8	98.9	98.9	98.9	99.1	99.1
GE 200	84.8	86.3	88.2	88.5	91.1	91.5	95.0	96.0	96.2	98.2	99.3	99.5	99.5	99.5	99.7	99.7
GE 100	84.8	86.3	88.2	88.5	91.1	91.5	95.0	96.0	96.2	98.3	99.5	99.6	99.6	99.6	99.8	100.0
GE 000	84.8	86.3	88.2	88.5	91.1	91.5	95.0	96.0	96.2	98.3	99.5	99.6	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.2	36.3	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 20000	39.0	39.1	39.1	39.1	39.3	39.3	39.3	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 18000	39.3	39.5	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 16000	39.3	39.5	39.5	39.5	39.7	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 14000	40.3	40.4	40.4	40.4	40.7	40.7	40.7	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 12000	43.4	43.5	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 10000	47.8	47.9	47.9	47.9	48.3	48.3	48.3	48.3	48.3	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 9000	51.3	51.4	51.4	51.4	51.7	51.7	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 8000	55.7	55.8	55.8	55.8	56.1	56.1	56.2	56.2	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 7000	57.2	57.3	57.3	57.3	57.6	57.6	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 6000	58.6	58.7	58.7	58.7	59.0	59.0	59.1	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 5000	64.1	64.6	64.6	64.6	65.0	65.0	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	67.2	67.8	67.9	67.9	68.6	68.6	68.7	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 4000	69.7	70.3	70.4	70.4	71.3	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 3500	73.6	74.3	74.6	74.7	75.5	75.7	75.8	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	76.1	77.0	77.3	77.4	78.5	78.6	78.7	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	78.8	79.7	80.0	80.4	81.7	82.0	82.3	82.5	82.5	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	81.6	82.8	83.3	83.8	85.5	85.8	86.3	86.5	86.5	87.3	87.3	87.4	87.5	87.5	87.5	87.5
GE 1800	82.0	83.2	83.6	84.1	85.9	86.2	86.7	87.0	87.0	87.8	87.8	87.9	88.0	88.0	88.0	88.0
GE 1500	83.0	84.5	84.9	85.5	87.8	88.3	89.1	89.6	89.7	91.0	91.1	91.2	91.4	91.4	91.4	91.4
GE 1200	85.2	86.7	87.2	87.9	90.5	91.0	92.0	92.5	92.6	94.6	94.7	94.8	95.1	95.1	95.1	95.1
GE 1000	85.9	87.5	87.9	88.7	91.3	91.7	92.8	93.5	93.6	95.7	95.8	95.9	96.2	96.2	96.2	96.2
GE 900	86.3	87.9	88.4	89.1	91.7	92.2	93.3	93.9	94.0	96.1	96.2	96.3	96.6	96.6	96.6	96.6
GE 800	86.6	88.3	88.7	89.5	92.1	92.5	93.6	94.3	94.6	96.8	97.1	97.2	97.5	97.5	97.5	97.5
GE 700	86.6	88.3	88.7	89.5	92.1	92.5	93.6	94.3	94.6	97.3	97.5	97.6	97.9	97.9	97.9	97.9
GE 600	86.6	88.4	88.8	89.6	92.2	92.6	93.7	94.6	94.8	97.5	97.7	97.8	98.2	98.2	98.2	98.2
GE 500	86.8	88.6	89.0	89.8	92.6	93.0	94.1	95.0	95.2	97.9	98.5	98.6	98.9	98.9	98.9	98.9
GE 400	87.2	89.1	89.6	90.3	93.2	93.6	94.7	95.5	95.8	98.5	99.0	99.1	99.5	99.5	99.5	99.5
GE 300	87.2	89.1	89.6	90.3	93.3	93.7	95.0	95.9	96.1	98.8	99.3	99.5	99.8	99.8	99.8	99.8
GE 200	87.2	89.1	89.6	90.3	93.3	93.7	95.0	95.9	96.1	98.8	99.6	99.7	100.0	100.0	100.0	100.0
GE 100	87.2	89.1	89.6	90.3	93.3	93.7	95.0	95.9	96.1	98.8	99.6	99.7	100.0	100.0	100.0	100.0
GE 000	87.2	89.1	89.6	90.3	93.3	93.7	95.0	95.9	96.1	98.8	99.6	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.3	34.7	34.8	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 20000	38.7	39.2	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 18000	39.3	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 16000	39.3	39.7	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 14000	40.8	41.2	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
GE 12000	43.2	43.6	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 10000	48.1	48.5	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 9000	50.1	50.5	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 8000	54.1	54.5	54.7	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 7000	54.7	55.1	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 6000	57.4	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 5000	63.9	64.3	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 4500	66.8	67.3	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4000	68.5	69.0	69.9	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	71.9	72.7	73.7	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3000	76.6	77.7	79.1	79.9	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 2500	79.2	80.7	82.7	83.8	84.1	84.2	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 2000	82.0	83.5	85.6	86.7	87.1	87.2	88.0	88.2	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1800	82.5	84.0	86.0	87.1	87.7	87.8	88.5	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	83.9	85.5	87.6	88.7	90.0	90.2	91.0	91.7	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	85.0	86.9	89.0	90.2	91.8	91.9	93.0	93.8	93.8	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	85.7	87.8	89.8	91.0	92.9	93.0	94.2	95.2	95.2	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	85.7	87.8	89.9	91.1	93.0	93.1	94.3	95.3	95.3	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	85.8	87.9	90.2	91.7	93.5	93.6	95.0	96.4	96.4	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	86.1	88.2	90.5	92.0	93.8	94.0	95.5	96.9	96.9	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	86.5	88.5	90.8	92.3	94.2	94.4	95.8	97.2	97.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	86.6	88.7	91.1	92.6	94.5	94.7	96.1	97.5	97.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	86.7	88.9	91.2	92.7	94.6	94.8	96.2	97.6	97.6	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	86.8	89.0	91.7	93.2	95.1	95.3	96.8	98.2	98.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	86.8	89.0	91.8	93.3	95.2	95.5	96.9	98.3	98.3	99.5	99.6	99.6	99.8	99.8	99.8	99.8
GE 100	86.8	89.0	91.8	93.3	95.2	95.5	96.9	98.3	98.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	86.8	89.0	91.8	93.3	95.2	95.5	96.9	98.3	98.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 80  
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.2	34.3	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7
GE 20000	37.8	37.9	38.2	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5
GE 18000	38.6	38.7	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2
GE 16000	38.6	38.7	38.9	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	39.2	39.4	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9
GE 12000	41.3	41.4	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9
GE 10000	46.3	46.4	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9
GE 9000	49.4	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1
GE 8000	53.2	53.3	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9
GE 7000	55.0	55.1	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9
GE 6000	57.1	57.3	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 5000	62.4	63.0	63.8	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3
GE 4500	65.0	65.6	66.5	66.8	66.9	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0
GE 4000	66.9	68.0	69.1	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 3500	70.5	72.1	73.4	73.8	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	74.5	76.4	78.5	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	77.4	79.8	81.9	82.9	83.2	83.4	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 2000	78.6	81.5	84.0	85.0	85.4	85.5	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 1800	79.2	82.3	84.8	85.8	86.4	86.5	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 1500	80.9	83.9	86.5	87.7	88.4	88.6	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	82.4	85.9	88.6	90.3	91.0	91.2	92.5	92.6	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 1000	83.0	86.6	89.4	91.0	92.0	92.2	93.5	93.6	93.6	93.8	93.9	93.9	94.1	94.1	94.1	94.1
GE 900	83.2	86.8	89.7	91.4	92.3	92.5	93.8	94.1	94.1	94.3	94.4	94.4	94.5	94.5	94.5	94.5
GE 800	83.6	87.1	90.3	92.0	93.1	93.3	94.7	94.9	94.9	95.1	95.2	95.2	95.4	95.4	95.4	95.4
GE 700	83.8	87.5	90.6	92.3	93.4	93.6	95.0	95.2	95.2	95.7	95.8	95.8	95.9	95.9	95.9	95.9
GE 600	83.9	87.9	91.1	92.9	93.9	94.2	95.6	95.9	95.9	96.3	96.4	96.4	96.5	96.5	96.5	96.5
GE 500	84.1	88.2	91.5	93.3	94.5	94.7	96.2	96.5	96.5	97.0	97.2	97.2	97.5	97.5	97.5	97.5
GE 400	84.2	88.4	91.7	93.5	94.8	95.0	96.6	97.0	97.0	97.4	97.6	97.6	97.9	97.9	97.9	97.9
GE 300	84.2	88.8	92.4	94.3	95.6	95.9	97.6	97.9	97.9	98.4	98.6	98.6	99.0	99.0	99.0	99.0
GE 200	84.2	88.8	92.4	94.3	95.6	95.9	97.8	98.2	98.2	98.6	98.8	98.8	99.4	99.4	99.4	99.4
GE 100	84.2	88.8	92.4	94.3	95.6	95.9	97.8	98.2	98.2	98.6	98.8	98.8	99.7	99.7	99.8	100.0
GE 000	84.2	88.8	92.4	94.3	95.6	95.9	97.8	98.2	98.2	98.6	98.8	98.8	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 925



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.4	33.5	33.7	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.0	34.0
GE 20000	35.8	36.0	36.2	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.6
GE 18000	36.2	36.4	36.6	36.7	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	37.0	37.0
GE 16000	36.3	36.5	36.7	36.8	36.8	36.9	36.9	36.9	36.9	37.0	37.0	37.0	37.0	37.0	37.0	37.1
GE 14000	37.2	37.4	37.7	37.7	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9	38.0	38.0
GE 12000	39.9	40.0	40.3	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.6	40.6	40.6	40.6	40.6	40.7
GE 10000	44.0	44.2	44.4	44.5	44.6	44.6	44.7	44.7	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.9
GE 9000	46.6	46.9	47.1	47.2	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6
GE 8000	50.4	50.6	50.9	51.0	51.2	51.2	51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.5	51.5
GE 7000	52.9	53.1	53.5	53.6	53.8	53.8	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1
GE 6000	55.1	55.4	55.8	55.9	56.1	56.1	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.5
GE 5000	60.3	60.8	61.4	61.5	61.7	61.7	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.1	62.2
GE 4500	63.6	64.2	64.8	65.0	65.3	65.4	65.5	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.8
GE 4000	65.7	66.5	67.2	67.4	67.8	67.9	68.0	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.3	68.4
GE 3500	69.4	70.4	71.3	71.6	72.0	72.1	72.3	72.3	72.3	72.4	72.4	72.5	72.5	72.5	72.6	72.7
GE 3000	73.4	74.7	75.9	76.4	77.0	77.1	77.5	77.5	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.9
GE 2500	76.6	78.2	79.6	80.3	81.1	81.3	81.9	82.1	82.1	82.3	82.3	82.3	82.4	82.4	82.5	82.6
GE 2000	79.1	80.9	82.6	83.4	84.5	84.7	85.7	85.9	86.0	86.2	86.3	86.3	86.4	86.4	86.5	86.6
GE 1800	79.7	81.6	83.2	84.1	85.2	85.5	86.5	86.8	86.8	87.1	87.1	87.2	87.2	87.3	87.3	87.4
GE 1500	80.9	83.0	84.7	85.6	87.2	87.5	88.7	89.1	89.2	89.7	89.8	89.8	89.9	90.0	90.0	90.1
GE 1200	82.3	84.6	86.4	87.4	89.2	89.5	90.9	91.4	91.5	92.2	92.4	92.4	92.5	92.6	92.6	92.7
GE 1000	83.1	85.5	87.3	88.4	90.3	90.6	92.0	92.6	92.7	93.6	93.7	93.8	93.9	93.9	94.0	94.1
GE 900	83.3	85.7	87.6	88.7	90.6	90.9	92.4	92.9	93.0	94.0	94.1	94.2	94.4	94.4	94.5	94.6
GE 800	83.6	86.1	88.0	89.2	91.2	91.5	93.0	93.6	93.7	94.7	95.0	95.0	95.2	95.2	95.3	95.4
GE 700	83.8	86.3	88.3	89.5	91.4	91.8	93.3	93.9	94.0	95.2	95.4	95.5	95.6	95.6	95.7	95.8
GE 600	84.1	86.6	88.6	89.8	91.8	92.1	93.7	94.3	94.4	95.7	96.0	96.0	96.2	96.2	96.3	96.4
GE 500	84.4	87.0	89.0	90.3	92.4	92.7	94.3	95.0	95.1	96.4	96.8	96.8	97.1	97.1	97.2	97.3
GE 400	84.7	87.4	89.5	90.7	92.9	93.3	94.9	95.6	95.7	97.1	97.5	97.6	97.8	97.8	97.9	98.0
GE 300	84.8	87.7	89.8	91.1	93.3	93.7	95.6	96.3	96.4	97.9	98.4	98.5	98.9	98.9	99.1	99.2
GE 200	84.8	87.7	89.8	91.1	93.4	93.8	95.8	96.5	96.6	98.2	98.7	98.8	99.4	99.4	99.6	99.7
GE 100	84.8	87.7	89.8	91.1	93.4	93.8	95.9	96.6	96.7	98.3	98.8	99.0	99.6	99.6	99.8	100.0
GE 000	84.8	87.7	89.8	91.1	93.4	93.8	95.9	96.6	96.7	98.3	98.8	99.0	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7397

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.4	47.4	48.4	48.9	48.9	48.9	49.2	49.2	49.2	49.2	49.2	49.4	49.6	49.9	50.0	50.0
GE 20000	48.6	49.6	50.6	51.0	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.6	51.7	52.0	52.1	52.1
GE 18000	49.2	50.2	51.2	51.7	51.7	51.7	52.0	52.0	52.0	52.0	52.0	52.2	52.3	52.7	52.8	52.8
GE 16000	49.3	50.3	51.3	51.8	51.8	51.8	52.1	52.1	52.1	52.1	52.1	52.3	52.4	52.8	52.9	52.9
GE 14000	50.0	51.0	52.0	52.4	52.4	52.4	52.8	52.8	52.8	52.8	52.8	53.0	53.1	53.5	53.6	53.6
GE 12000	51.6	52.6	53.6	54.0	54.0	54.0	54.3	54.3	54.3	54.3	54.3	54.6	54.7	55.0	55.1	55.1
GE 10000	53.9	54.9	55.9	56.3	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.9	57.0	57.3	57.5	57.5
GE 9000	55.8	56.9	57.9	58.4	58.4	58.4	58.8	58.8	58.8	58.8	58.8	59.0	59.1	59.5	59.6	59.6
GE 8000	60.2	61.6	62.6	63.0	63.0	63.0	63.5	63.5	63.5	63.5	63.5	63.7	63.8	64.1	64.3	64.3
GE 7000	62.7	64.1	65.3	65.7	65.8	65.8	66.3	66.3	66.3	66.3	66.3	66.5	66.6	66.9	67.0	67.0
GE 6000	64.0	65.6	66.7	67.1	67.4	67.4	67.8	67.8	67.8	67.8	67.8	68.0	68.2	68.5	68.6	68.6
GE 5000	67.4	68.9	70.5	70.9	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.8	71.9	72.3	72.4	72.4
GE 4500	69.6	71.2	72.9	73.5	73.8	73.8	74.3	74.3	74.3	74.3	74.3	74.5	74.6	74.9	75.1	75.1
GE 4000	71.8	73.4	75.3	75.8	76.2	76.2	76.9	76.9	76.9	76.9	76.9	77.2	77.3	77.6	77.7	77.7
GE 3500	74.8	76.4	78.8	79.8	80.3	80.3	81.2	81.2	81.2	81.2	81.2	81.4	81.5	81.8	82.0	82.0
GE 3000	77.3	79.1	81.7	83.0	83.6	83.6	84.5	84.6	84.6	84.6	84.6	84.9	85.0	85.3	85.4	85.4
GE 2500	79.1	81.0	83.9	85.2	86.1	86.2	87.5	87.8	87.8	87.8	87.8	88.0	88.1	88.4	88.5	88.5
GE 2000	80.3	82.3	85.4	86.7	87.8	87.9	89.3	89.6	89.6	90.0	90.1	90.3	90.4	90.8	90.9	90.9
GE 1800	80.4	82.4	86.0	87.3	88.6	88.8	90.2	90.6	90.6	91.1	91.2	91.4	91.5	91.9	92.0	92.0
GE 1500	81.0	83.0	86.5	87.9	89.3	89.4	90.9	91.3	91.3	92.2	92.3	92.5	92.7	93.0	93.1	93.1
GE 1200	82.4	84.6	88.6	90.1	91.5	91.8	93.8	94.2	94.2	95.2	95.3	95.5	95.8	96.1	96.2	96.2
GE 1000	82.6	84.9	89.0	90.4	91.9	92.1	94.2	94.8	94.8	95.8	95.9	96.1	96.3	96.7	96.8	96.8
GE 900	82.6	84.9	89.0	90.4	91.9	92.1	94.2	94.8	94.8	95.8	95.9	96.1	96.4	96.8	96.9	96.9
GE 800	82.7	85.0	89.1	90.5	92.0	92.2	94.3	94.9	94.9	95.9	96.0	96.2	96.5	96.9	97.0	97.0
GE 700	82.9	85.1	89.2	90.6	92.1	92.4	94.5	95.1	95.1	96.1	96.4	96.7	97.0	97.3	97.4	97.4
GE 600	83.2	85.4	89.6	91.1	92.5	92.9	95.0	95.5	95.5	96.5	96.9	97.1	97.4	97.8	97.9	97.9
GE 500	83.4	85.7	90.0	91.5	93.0	93.3	95.5	96.1	96.1	97.2	97.6	97.8	98.2	98.6	98.7	98.7
GE 400	84.0	86.4	90.6	92.2	93.7	94.0	96.2	96.8	96.8	97.9	98.2	98.4	99.2	99.6	99.7	99.7
GE 300	84.0	86.4	90.6	92.2	93.7	94.0	96.2	96.8	96.8	97.9	98.2	98.4	99.2	99.6	99.7	99.7
GE 200	84.0	86.6	90.9	92.4	93.9	94.2	96.4	97.0	97.0	98.1	98.4	98.7	99.4	99.8	99.9	99.9
GE 100	84.0	86.6	90.9	92.4	93.9	94.2	96.4	97.0	97.0	98.1	98.4	98.7	99.4	99.8	99.9	99.9
GE 000	84.0	86.6	90.9	92.4	93.9	94.2	96.4	97.0	97.0	98.1	98.4	98.7	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.0	45.5	46.5	46.9	47.0	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.6	47.8	47.9	47.9
GE 20000	45.7	47.2	48.2	48.6	48.7	48.9	48.9	48.9	48.9	48.9	49.1	49.1	49.3	49.5	49.6	49.6
GE 18000	45.9	47.4	48.4	48.8	48.9	49.2	49.2	49.2	49.2	49.2	49.3	49.3	49.5	49.7	49.8	49.8
GE 16000	46.6	48.0	49.1	49.5	49.6	49.8	49.8	49.8	49.8	49.8	49.9	49.9	50.2	50.4	50.5	50.5
GE 14000	47.8	49.3	50.3	50.7	50.8	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.4	51.6	51.7	51.7
GE 12000	50.8	52.3	53.3	53.7	53.8	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.4	54.6	54.7	54.7
GE 10000	55.5	57.1	58.1	58.5	58.6	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.2	59.4	59.5	59.5
GE 9000	56.9	58.4	59.4	59.9	60.0	60.2	60.2	60.2	60.2	60.2	60.3	60.3	60.5	60.8	60.9	60.9
GE 8000	60.3	62.1	63.3	63.8	63.9	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.4	64.7	64.8	64.8
GE 7000	62.5	64.3	65.7	66.2	66.3	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.9	67.1	67.2	67.2
GE 6000	64.2	66.2	67.7	68.2	68.3	68.6	68.7	68.7	68.7	68.7	68.8	68.8	69.0	69.2	69.3	69.3
GE 5000	67.0	69.6	71.1	71.9	72.0	72.2	72.4	72.4	72.4	72.4	72.5	72.5	72.7	72.9	73.0	73.0
GE 4500	68.9	71.7	73.2	74.1	74.2	74.5	74.7	74.7	74.7	74.7	74.8	74.8	75.0	75.3	75.4	75.4
GE 4000	69.8	72.9	74.7	75.6	75.8	76.0	76.4	76.4	76.4	76.4	76.5	76.5	76.7	76.9	77.0	77.0
GE 3500	72.4	75.9	78.3	79.4	79.8	80.0	80.6	80.7	80.7	80.7	80.8	80.8	81.0	81.3	81.4	81.4
GE 3000	74.6	79.0	81.9	83.5	84.1	84.6	85.2	85.4	85.4	85.4	85.5	85.5	85.7	86.0	86.1	86.1
GE 2500	75.8	80.8	83.8	85.6	86.4	87.1	87.7	88.0	88.0	88.3	88.4	88.4	88.6	88.9	89.0	89.0
GE 2000	76.9	82.1	85.2	87.0	88.1	89.0	89.9	90.3	90.3	90.9	91.0	91.0	91.2	91.4	91.5	91.5
GE 1800	77.3	82.4	85.5	87.3	88.4	89.3	90.2	90.6	90.6	91.2	91.3	91.3	91.5	91.8	91.9	91.9
GE 1500	78.1	83.3	86.5	88.3	89.6	90.7	91.8	92.3	92.3	93.2	93.4	93.4	93.6	93.9	94.0	94.0
GE 1200	79.3	84.6	88.1	89.9	91.2	92.3	93.3	93.9	93.9	94.8	95.0	95.0	95.2	95.4	95.5	95.5
GE 1000	79.8	85.3	88.7	90.6	92.0	93.1	94.2	94.8	94.8	95.7	95.9	95.9	96.1	96.3	96.4	96.4
GE 900	79.8	85.3	88.7	90.6	92.0	93.1	94.2	94.8	94.8	95.7	95.9	95.9	96.1	96.3	96.4	96.4
GE 800	80.4	86.0	89.6	91.5	92.9	94.0	95.1	95.7	95.7	96.5	96.8	96.8	97.0	97.2	97.3	97.3
GE 700	80.8	86.5	90.2	92.1	93.4	94.5	95.7	96.3	96.3	97.2	97.8	97.8	98.0	98.2	98.3	98.3
GE 600	81.0	86.7	90.4	92.3	93.6	94.8	95.9	96.5	96.5	97.4	98.0	98.0	98.2	98.4	98.6	98.6
GE 500	81.4	87.1	90.9	92.8	94.1	95.2	96.3	97.0	97.0	97.9	98.4	98.4	98.7	98.9	99.0	99.0
GE 400	81.6	87.4	91.3	93.2	94.5	95.7	96.8	97.4	97.4	98.3	98.9	98.9	99.1	99.3	99.4	99.4
GE 300	81.6	87.8	91.9	93.8	95.1	96.2	97.3	98.0	98.0	98.9	99.4	99.4	99.7	99.9	100.0	100.0
GE 200	81.6	87.8	91.9	93.8	95.1	96.2	97.3	98.0	98.0	98.9	99.4	99.4	99.7	99.9	100.0	100.0
GE 100	81.6	87.8	91.9	93.8	95.1	96.2	97.3	98.0	98.0	98.9	99.4	99.4	99.7	99.9	100.0	100.0
GE 000	81.6	87.8	91.9	93.8	95.1	96.2	97.3	98.0	98.0	98.9	99.4	99.4	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.0	44.8	45.4	46.1	46.5	46.8	47.1	47.1	47.1	47.3	47.4	47.6	47.7	47.9	48.2	48.3
GE 20000	46.3	47.1	47.8	48.4	48.9	49.1	49.4	49.4	49.4	49.7	49.8	49.9	50.0	50.2	50.6	50.7
GE 18000	46.7	47.4	48.1	48.8	49.2	49.4	49.8	49.8	49.8	50.0	50.1	50.2	50.3	50.6	50.9	51.0
GE 16000	47.3	48.1	48.8	49.4	49.9	50.1	50.4	50.4	50.4	50.7	50.8	50.9	51.0	51.2	51.6	51.7
GE 14000	48.7	49.4	50.1	50.8	51.2	51.4	51.8	51.8	51.8	52.0	52.1	52.2	52.3	52.6	52.9	53.0
GE 12000	50.3	51.1	51.8	52.4	52.9	53.1	53.5	53.5	53.5	53.7	53.8	53.9	54.0	54.2	54.6	54.7
GE 10000	54.3	55.2	55.9	56.6	57.0	57.2	57.6	57.6	57.6	57.8	57.9	58.0	58.1	58.4	58.7	58.8
GE 9000	56.5	57.3	58.0	58.7	59.1	59.4	59.7	59.7	59.7	59.9	60.0	60.1	60.2	60.5	60.8	60.9
GE 8000	59.8	60.7	61.4	62.0	62.5	62.7	63.0	63.0	63.0	63.3	63.4	63.5	63.6	63.8	64.1	64.3
GE 7000	61.2	62.1	63.0	63.8	64.3	64.5	64.8	64.8	64.8	65.0	65.1	65.3	65.4	65.6	65.9	66.0
GE 6000	63.0	63.9	64.8	65.6	66.0	66.3	66.6	66.6	66.6	66.8	66.9	67.0	67.1	67.4	67.7	67.8
GE 5000	66.6	67.6	68.5	69.4	69.8	70.0	70.5	70.5	70.5	70.7	70.8	70.9	71.0	71.3	71.6	71.7
GE 4500	68.3	69.4	70.5	71.5	71.9	72.3	72.8	72.8	72.8	73.1	73.2	73.3	73.4	73.6	73.9	74.1
GE 4000	69.8	71.3	72.5	73.6	74.1	74.6	75.2	75.2	75.2	75.4	75.5	75.6	75.7	75.9	76.3	76.4
GE 3500	72.8	74.6	75.9	77.2	77.8	78.5	79.1	79.2	79.2	79.4	79.5	79.6	79.7	80.0	80.3	80.4
GE 3000	75.3	77.4	79.6	81.3	82.0	82.6	83.3	83.4	83.4	83.6	83.7	83.9	84.0	84.2	84.5	84.6
GE 2500	76.6	79.0	81.3	83.1	84.2	85.2	86.0	86.1	86.1	86.4	86.5	86.6	86.7	87.0	87.3	87.4
GE 2000	78.6	81.2	83.6	85.7	87.4	88.8	89.8	90.0	90.0	90.3	90.4	90.5	90.6	90.9	91.2	91.3
GE 1800	79.4	82.1	84.5	86.6	88.3	89.6	90.6	91.0	91.0	91.3	91.4	91.5	91.6	91.9	92.2	92.3
GE 1500	79.7	82.4	84.9	87.1	88.8	90.4	91.5	91.9	91.9	92.5	92.7	92.8	92.9	93.1	93.4	93.5
GE 1200	81.1	83.9	86.5	88.8	90.8	92.5	93.8	94.1	94.1	94.8	94.9	95.0	95.1	95.3	95.7	95.8
GE 1000	81.4	84.3	87.0	89.2	91.3	93.3	94.7	95.0	95.0	95.7	95.9	96.0	96.1	96.3	96.7	96.8
GE 900	81.4	84.5	87.2	89.4	91.5	93.5	94.9	95.2	95.2	95.9	96.1	96.2	96.3	96.5	96.9	97.0
GE 800	81.7	85.0	88.0	90.3	92.4	94.4	95.8	96.1	96.1	96.6	97.0	97.1	97.3	97.6	97.9	98.0
GE 700	82.1	85.3	88.3	90.6	92.8	94.8	96.1	96.4	96.4	97.2	97.4	97.6	97.8	98.0	98.3	98.4
GE 600	82.3	85.5	88.5	90.9	93.0	95.0	96.3	96.7	96.7	97.4	97.7	97.8	98.0	98.2	98.6	98.7
GE 500	82.3	85.5	88.5	90.9	93.0	95.0	96.3	96.7	96.7	97.4	97.7	97.8	98.0	98.2	98.6	98.7
GE 400	82.3	85.7	88.8	91.1	93.2	95.2	96.5	96.9	96.9	97.7	97.9	98.0	98.2	98.4	98.8	98.9
GE 300	82.5	86.2	89.2	91.5	93.7	95.7	97.0	97.3	97.3	98.3	98.6	98.7	98.9	99.1	99.4	99.6
GE 200	82.6	86.3	89.3	91.9	94.0	96.0	97.3	97.7	97.7	98.7	98.9	99.0	99.2	99.4	99.8	99.9
GE 100	82.6	86.3	89.3	91.9	94.0	96.0	97.3	97.7	97.7	98.7	98.9	99.0	99.2	99.4	99.8	99.9
GE 000	82.6	86.3	89.3	91.9	94.0	96.0	97.3	97.7	97.7	98.7	98.9	99.0	99.2	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.3	39.8	39.9	40.2	41.1	41.1	41.5	41.9	41.9	41.9	42.2	42.2	42.8	43.1	43.1	43.5
GE 20000	41.9	42.3	42.4	42.8	43.8	43.8	44.2	44.5	44.5	44.5	44.9	44.9	45.4	45.8	45.8	46.2
GE 18000	41.9	42.3	42.4	42.8	43.8	43.9	44.3	44.7	44.7	44.7	45.0	45.0	45.5	45.9	45.9	46.3
GE 16000	41.9	42.3	42.4	42.8	43.9	43.9	44.3	44.7	44.7	44.7	45.0	45.0	45.5	45.9	45.9	46.3
GE 14000	42.7	43.1	43.2	43.5	44.7	44.7	45.1	45.4	45.4	45.4	45.8	45.8	46.3	46.7	46.7	47.1
GE 12000	44.4	44.9	45.3	45.8	47.0	47.0	47.4	47.8	47.8	47.8	48.1	48.1	48.7	49.0	49.0	49.4
GE 10000	49.6	50.1	50.6	51.0	52.2	52.2	52.7	53.0	53.0	53.0	53.3	53.3	53.9	54.2	54.2	54.7
GE 9000	52.4	53.0	53.5	53.9	55.1	55.1	55.6	55.9	55.9	55.9	56.2	56.2	56.8	57.1	57.1	57.6
GE 8000	57.0	57.7	58.1	58.6	59.8	59.8	60.2	60.6	60.6	60.6	60.9	60.9	61.5	61.8	61.8	62.2
GE 7000	60.6	61.5	62.0	62.5	63.9	63.9	64.4	64.7	64.7	64.8	65.1	65.1	65.7	66.0	66.0	66.5
GE 6000	62.5	63.4	63.9	64.4	65.8	65.8	66.4	66.7	66.7	66.8	67.1	67.1	67.7	68.0	68.0	68.5
GE 5000	65.3	66.4	67.0	67.6	69.0	69.0	69.8	70.2	70.2	70.3	70.6	70.6	71.2	71.5	71.5	71.9
GE 4500	68.0	69.4	70.5	71.3	73.3	73.3	74.4	74.7	74.7	74.8	75.2	75.2	75.7	76.1	76.1	76.5
GE 4000	68.9	70.5	71.6	72.4	74.5	74.6	75.8	76.2	76.2	76.3	76.7	76.7	77.3	77.6	77.6	78.1
GE 3500	70.9	72.7	73.9	74.8	77.3	77.5	79.2	79.7	79.7	80.1	80.5	80.5	81.1	81.4	81.4	81.8
GE 3000	72.2	74.2	75.6	76.6	79.5	79.7	81.7	82.9	82.9	83.2	83.6	83.6	84.2	84.5	84.5	85.0
GE 2500	74.1	76.3	78.0	79.3	82.5	82.7	85.1	86.4	86.4	87.0	87.4	87.4	88.0	88.3	88.3	88.8
GE 2000	76.1	78.7	80.7	82.2	86.0	86.3	88.8	90.1	90.1	90.8	91.2	91.2	91.8	92.1	92.1	92.5
GE 1800	76.3	79.2	81.3	82.7	86.6	87.0	89.4	90.8	90.8	91.4	91.9	91.9	92.4	92.8	92.8	93.2
GE 1500	76.6	79.6	82.0	83.7	87.6	88.2	90.6	92.1	92.1	93.2	93.8	93.8	94.3	94.7	94.7	95.1
GE 1200	77.2	80.3	82.9	84.7	88.8	89.3	91.8	93.5	93.5	95.1	95.9	95.9	96.4	96.8	96.8	97.2
GE 1000	77.2	80.5	83.2	85.1	89.1	89.6	92.1	94.0	94.0	95.5	96.3	96.3	96.9	97.2	97.2	97.7
GE 900	77.4	80.7	83.4	85.3	89.3	89.9	92.3	94.2	94.2	95.8	96.7	96.7	97.2	97.6	97.6	98.0
GE 800	77.5	81.0	83.6	85.5	89.5	90.1	92.5	94.5	94.5	96.2	97.4	97.4	98.1	98.4	98.4	98.9
GE 700	77.5	81.0	83.6	85.5	89.5	90.1	92.5	94.7	94.7	96.3	97.6	97.6	98.4	98.8	98.8	99.2
GE 600	77.5	81.0	83.6	85.6	89.6	90.2	92.7	94.8	94.8	96.5	97.8	97.8	98.7	99.0	99.0	99.4
GE 500	77.5	81.0	83.6	85.6	89.6	90.2	92.7	94.8	94.8	96.5	97.8	97.8	98.7	99.0	99.0	99.4
GE 400	77.6	81.3	84.1	86.1	90.1	90.6	93.1	95.2	95.2	97.0	98.2	98.2	99.1	99.4	99.4	99.9
GE 300	77.6	81.3	84.1	86.1	90.1	90.6	93.1	95.2	95.2	97.0	98.2	98.2	99.1	99.4	99.4	99.9
GE 200	77.6	81.3	84.1	86.1	90.1	90.6	93.1	95.2	95.2	97.0	98.2	98.2	99.1	99.4	99.4	99.9
GE 100	77.6	81.3	84.1	86.1	90.1	90.6	93.1	95.2	95.2	97.0	98.2	98.2	99.1	99.4	99.4	99.9
GE 000	77.6	81.3	84.1	86.1	90.1	90.6	93.1	95.2	95.2	97.0	98.2	98.2	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	43.1	43.2	43.6	43.8	43.8	44.0	44.5	44.5	44.8	44.9	45.0	45.5	45.6	45.6	46.0
GE 20000	44.6	45.2	45.5	45.8	46.0	46.0	46.2	46.7	46.7	47.0	47.1	47.3	47.7	47.8	47.8	48.3
GE 18000	44.7	45.4	45.6	45.9	46.1	46.1	46.4	46.8	46.8	47.1	47.3	47.4	47.8	47.9	47.9	48.4
GE 16000	44.7	45.4	45.6	45.9	46.1	46.1	46.4	46.8	46.8	47.1	47.3	47.4	47.8	47.9	47.9	48.4
GE 14000	46.0	46.7	46.9	47.3	47.5	47.5	47.7	48.2	48.2	48.5	48.6	48.7	49.2	49.3	49.3	49.7
GE 12000	47.7	48.5	48.8	49.2	49.5	49.6	50.1	50.5	50.5	50.8	51.0	51.1	51.5	51.6	51.6	52.1
GE 10000	51.4	52.2	52.6	53.0	53.4	53.5	54.2	54.6	54.6	55.0	55.1	55.2	55.7	55.8	55.8	56.2
GE 9000	55.8	56.8	57.3	57.7	58.1	58.2	58.9	59.4	59.4	59.7	59.8	59.9	60.4	60.5	60.5	60.9
GE 8000	59.9	61.3	61.8	62.2	62.6	62.7	63.4	63.8	63.8	64.2	64.3	64.4	64.8	64.9	64.9	65.4
GE 7000	63.3	64.6	65.5	66.0	66.4	66.6	67.3	67.7	67.7	68.1	68.2	68.3	68.8	68.9	68.9	69.3
GE 6000	64.9	66.5	67.4	67.9	68.4	68.6	69.3	69.8	69.8	70.1	70.2	70.3	70.8	70.9	70.9	71.3
GE 5000	66.7	68.6	69.5	70.1	70.7	70.9	71.8	72.2	72.2	72.6	72.7	72.8	73.2	73.3	73.3	73.8
GE 4500	69.1	71.2	72.3	72.9	73.5	73.8	74.8	75.3	75.3	75.6	75.7	75.8	76.3	76.4	76.4	76.8
GE 4000	70.4	72.6	73.7	74.4	75.1	75.6	76.9	77.5	77.5	77.8	77.9	78.1	78.5	78.6	78.6	79.1
GE 3500	73.6	75.8	77.2	77.8	79.4	79.8	81.3	81.3	81.9	82.2	82.3	82.4	82.9	83.0	83.0	83.4
GE 3000	74.5	76.7	78.3	78.9	80.9	81.4	82.9	83.4	83.4	83.8	83.9	84.0	84.4	84.5	84.5	85.0
GE 2500	75.4	77.8	79.4	80.2	82.3	83.3	85.8	86.3	86.6	86.9	87.0	87.1	87.6	87.7	87.7	88.1
GE 2000	76.8	79.5	81.2	82.0	84.1	85.1	87.8	88.4	88.6	89.1	89.2	89.4	89.8	89.9	89.9	90.4
GE 1800	77.0	79.7	81.4	82.4	84.5	85.6	88.5	89.1	89.4	89.9	90.0	90.1	90.6	90.7	90.7	91.2
GE 1500	77.4	80.5	82.3	83.4	85.8	86.9	90.4	91.3	91.5	92.4	92.7	92.8	93.3	93.4	93.4	93.8
GE 1200	77.9	81.3	83.1	84.2	86.6	87.9	91.9	93.5	93.7	95.1	95.4	95.5	96.0	96.1	96.1	96.5
GE 1000	78.3	81.7	83.7	84.8	87.1	88.5	92.6	94.6	94.8	96.5	97.1	97.3	97.8	97.9	97.9	98.3
GE 900	78.3	81.7	83.7	84.8	87.1	88.5	92.6	94.6	94.8	96.6	97.2	97.4	97.9	98.0	98.0	98.4
GE 800	78.3	81.9	84.0	85.1	87.5	88.8	93.1	95.1	95.3	97.1	98.0	98.2	98.8	98.9	98.9	99.3
GE 700	78.3	81.9	84.0	85.1	87.5	88.8	93.1	95.1	95.3	97.2	98.3	98.5	99.1	99.2	99.2	99.7
GE 600	78.3	81.9	84.1	85.2	87.6	88.9	93.2	95.2	95.4	97.3	98.4	98.7	99.2	99.3	99.3	99.8
GE 500	78.3	81.9	84.1	85.2	87.6	88.9	93.2	95.2	95.4	97.4	98.5	98.8	99.3	99.4	99.4	99.9
GE 400	78.3	81.9	84.1	85.2	87.6	88.9	93.2	95.2	95.4	97.4	98.5	98.8	99.4	99.6	99.6	100.0
GE 300	78.3	81.9	84.1	85.2	87.6	88.9	93.2	95.2	95.4	97.4	98.5	98.8	99.4	99.6	99.6	100.0
GE 200	78.3	81.9	84.1	85.2	87.6	88.9	93.2	95.2	95.4	97.4	98.5	98.8	99.4	99.6	99.6	100.0
GE 100	78.3	81.9	84.1	85.2	87.6	88.9	93.2	95.2	95.4	97.4	98.5	98.8	99.4	99.6	99.6	100.0
GE 000	78.3	81.9	84.1	85.2	87.6	88.9	93.2	95.2	95.4	97.4	98.5	98.8	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.1	43.5	44.0	44.0	44.2	44.2	44.4	44.4	44.4	44.9	45.3	45.5	45.7	45.7	45.7	45.7
GE 20000	44.1	44.5	45.0	45.0	45.3	45.3	45.4	45.4	45.4	46.0	46.4	46.6	46.8	46.8	46.8	46.8
GE 18000	44.8	45.1	45.7	45.7	45.9	45.9	46.0	46.0	46.0	46.7	47.0	47.3	47.5	47.5	47.5	47.5
GE 16000	44.9	45.3	45.8	45.8	46.0	46.0	46.1	46.1	46.1	46.8	47.2	47.4	47.6	47.6	47.6	47.6
GE 14000	46.0	46.4	46.9	46.9	47.2	47.2	47.3	47.3	47.3	47.9	48.3	48.5	48.7	48.7	48.7	48.7
GE 12000	47.2	47.5	48.0	48.0	48.4	48.4	48.5	48.7	48.7	49.4	49.7	49.9	50.3	50.3	50.3	50.3
GE 10000	51.5	51.8	52.4	52.4	52.7	52.7	52.8	53.1	53.1	53.7	54.1	54.3	54.6	54.6	54.6	54.6
GE 9000	55.6	56.0	56.5	56.5	57.0	57.0	57.1	57.3	57.3	58.0	58.3	58.5	58.9	58.9	58.9	58.9
GE 8000	59.6	60.0	60.6	60.6	61.2	61.2	61.3	61.6	61.6	62.2	62.6	62.8	63.1	63.1	63.1	63.1
GE 7000	62.0	62.5	63.0	63.0	63.9	63.9	64.1	64.4	64.4	65.0	65.4	65.6	65.9	65.9	65.9	65.9
GE 6000	63.0	63.7	64.2	64.2	65.1	65.1	65.4	65.6	65.6	66.3	66.6	66.8	67.2	67.2	67.2	67.2
GE 5000	65.9	66.8	67.4	67.4	68.3	68.4	68.7	69.2	69.2	69.8	70.2	70.4	70.7	70.7	70.7	70.7
GE 4500	68.4	69.4	69.9	70.3	71.4	71.5	72.1	72.5	72.5	73.2	73.5	73.7	74.1	74.1	74.1	74.1
GE 4000	69.9	71.3	72.0	72.3	73.5	73.6	74.5	75.1	75.1	75.8	76.1	76.3	76.6	76.6	76.6	76.6
GE 3500	73.1	74.7	75.4	75.8	77.8	78.1	79.3	79.9	79.9	80.7	81.0	81.2	81.6	81.6	81.6	81.6
GE 3000	74.7	76.6	77.5	77.9	80.3	80.7	82.0	82.8	82.8	83.7	84.0	84.2	84.6	84.6	84.6	84.6
GE 2500	76.3	78.9	80.0	80.6	83.5	83.8	85.5	86.3	86.3	87.4	87.7	87.9	88.3	88.3	88.3	88.3
GE 2000	78.4	81.2	82.8	83.4	86.4	87.4	89.4	90.3	90.3	91.6	92.0	92.2	92.5	92.5	92.5	92.5
GE 1800	78.7	81.6	83.1	83.7	86.7	87.7	89.7	90.7	90.7	92.1	92.4	92.6	93.0	93.0	93.0	93.0
GE 1500	79.1	82.1	83.7	84.5	87.6	88.9	91.3	92.6	92.7	94.4	94.7	95.0	95.3	95.3	95.3	95.3
GE 1200	79.4	82.5	84.1	84.9	88.2	89.6	92.2	93.6	93.9	95.9	96.2	96.4	96.8	96.8	96.8	96.8
GE 1000	79.8	82.8	84.6	85.4	88.6	90.1	92.6	94.3	94.5	97.1	97.4	97.7	98.0	98.0	98.0	98.0
GE 900	79.8	82.8	84.6	85.4	88.6	90.1	92.6	94.3	94.5	97.2	97.8	98.0	98.3	98.3	98.3	98.3
GE 800	80.0	83.0	85.0	85.8	89.2	90.6	93.2	94.9	95.1	97.9	98.5	98.8	99.2	99.2	99.2	99.2
GE 700	80.0	83.0	85.0	85.8	89.2	90.6	93.2	94.9	95.1	97.9	98.7	99.0	99.4	99.4	99.4	99.4
GE 600	80.0	83.0	85.0	85.8	89.2	90.6	93.2	94.9	95.1	97.9	98.7	99.0	99.4	99.4	99.4	99.4
GE 500	80.0	83.0	85.0	85.8	89.2	90.6	93.2	94.9	95.1	98.1	98.9	99.2	99.9	99.9	99.9	99.9
GE 400	80.0	83.0	85.0	85.8	89.2	90.6	93.2	94.9	95.1	98.1	98.9	99.2	100.0	100.0	100.0	100.0
GE 300	80.0	83.0	85.0	85.8	89.2	90.6	93.2	94.9	95.1	98.1	98.9	99.2	100.0	100.0	100.0	100.0
GE 200	80.0	83.0	85.0	85.8	89.2	90.6	93.2	94.9	95.1	98.1	98.9	99.2	100.0	100.0	100.0	100.0
GE 100	80.0	83.0	85.0	85.8	89.2	90.6	93.2	94.9	95.1	98.1	98.9	99.2	100.0	100.0	100.0	100.0
GE 000	80.0	83.0	85.0	85.8	89.2	90.6	93.2	94.9	95.1	98.1	98.9	99.2	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.0	42.3	43.4	43.7	43.8	43.8	44.3	44.3	44.3	44.7	44.7	44.7	44.8	45.0	45.0	45.1
GE 20000	43.8	44.1	45.2	45.5	45.6	45.6	46.1	46.1	46.1	46.5	46.5	46.5	46.6	46.8	46.8	46.9
GE 18000	44.9	45.2	46.4	46.6	46.7	46.7	47.3	47.3	47.3	47.6	47.6	47.6	47.7	47.9	47.9	48.0
GE 16000	44.9	45.2	46.4	46.6	46.7	46.7	47.3	47.3	47.3	47.6	47.6	47.6	47.7	47.9	47.9	48.0
GE 14000	45.6	45.9	47.0	47.3	47.4	47.4	47.9	47.9	47.9	48.3	48.3	48.3	48.4	48.6	48.6	48.7
GE 12000	46.2	46.6	47.7	47.9	48.0	48.0	48.6	48.6	48.6	48.9	48.9	48.9	49.0	49.3	49.3	49.4
GE 10000	49.6	49.9	51.1	51.3	51.4	51.4	52.0	52.0	52.0	52.3	52.3	52.3	52.4	52.6	52.6	52.7
GE 9000	53.3	54.0	55.1	55.3	55.5	55.5	56.3	56.4	56.4	56.8	56.8	56.8	56.9	57.1	57.1	57.2
GE 8000	57.8	58.8	59.9	60.1	60.4	60.4	61.4	61.5	61.5	61.8	61.8	61.8	61.9	62.2	62.2	62.3
GE 7000	59.7	60.7	61.8	62.0	62.3	62.3	63.3	63.4	63.4	63.7	63.7	63.7	63.8	64.1	64.1	64.2
GE 6000	60.7	61.8	62.9	63.2	63.4	63.4	64.4	64.5	64.5	64.8	64.8	64.8	64.9	65.2	65.2	65.3
GE 5000	62.9	64.1	65.3	65.5	65.7	65.7	66.7	66.9	66.9	67.2	67.2	67.2	67.3	67.5	67.5	67.6
GE 4500	65.7	67.3	68.8	69.1	69.3	69.3	70.3	70.4	70.4	70.8	70.8	70.8	70.9	71.1	71.1	71.2
GE 4000	67.7	69.4	71.4	71.8	72.3	72.3	73.3	73.5	73.5	73.8	73.8	73.8	73.9	74.1	74.1	74.2
GE 3500	71.7	73.9	76.5	76.8	77.6	77.6	78.6	78.7	78.7	79.2	79.2	79.2	79.3	79.5	79.5	79.6
GE 3000	74.1	76.8	79.5	80.0	81.2	81.2	82.3	82.4	82.4	83.0	83.0	83.0	83.1	83.3	83.3	83.4
GE 2500	76.6	79.8	83.2	83.9	85.3	85.3	86.9	87.0	87.0	87.8	87.8	87.8	87.9	88.1	88.1	88.2
GE 2000	78.7	82.5	86.5	87.5	89.0	89.1	90.8	91.0	91.0	92.2	92.2	92.2	92.3	92.5	92.5	92.6
GE 1800	78.9	82.8	86.9	87.9	89.6	89.7	91.4	91.6	91.6	92.7	92.7	92.7	92.8	93.1	93.1	93.2
GE 1500	79.6	83.4	87.8	88.9	91.4	91.5	93.6	93.8	93.8	95.0	95.0	95.0	95.1	95.3	95.3	95.4
GE 1200	80.0	84.0	88.5	89.6	92.2	92.3	94.4	94.6	95.0	96.1	96.1	96.1	96.2	96.4	96.4	96.5
GE 1000	80.3	84.3	88.9	90.0	92.7	92.8	95.2	95.9	96.2	97.5	97.5	97.5	97.6	97.9	97.9	98.0
GE 900	80.5	84.5	89.1	90.3	92.9	93.1	95.4	96.1	96.4	97.8	97.8	97.8	97.9	98.1	98.1	98.2
GE 800	80.6	84.7	89.2	90.4	93.1	93.2	95.5	96.2	96.5	98.0	98.2	98.2	98.3	98.5	98.5	98.7
GE 700	80.6	84.7	89.2	90.4	93.1	93.2	95.5	96.2	96.5	98.0	98.2	98.2	98.3	98.5	98.5	98.7
GE 600	80.6	84.7	89.2	90.4	93.1	93.2	95.5	96.4	96.8	98.2	98.4	98.4	98.5	98.8	98.8	98.9
GE 500	80.6	84.7	89.2	90.4	93.1	93.2	95.5	96.4	96.8	98.2	98.4	98.4	99.0	99.2	99.2	99.3
GE 400	80.7	84.8	89.4	90.5	93.2	93.3	95.6	96.5	96.9	98.3	98.5	98.5	99.1	99.3	99.3	99.4
GE 300	80.9	84.9	89.5	90.6	93.3	93.4	96.0	96.9	97.2	98.7	98.9	98.9	99.4	99.7	99.7	99.8
GE 200	80.9	84.9	89.5	90.6	93.4	93.5	96.1	97.0	97.3	98.8	99.0	99.0	99.6	99.8	99.9	100.0
GE 100	80.9	84.9	89.5	90.6	93.4	93.5	96.1	97.0	97.3	98.8	99.0	99.0	99.6	99.8	99.9	100.0
GE 000	80.9	84.9	89.5	90.6	93.4	93.5	96.1	97.0	97.3	98.8	99.0	99.0	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 893



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.3	45.8	46.3	46.3	46.3	46.4	46.8	47.1	47.1	47.3	47.4	47.7	47.8	48.1	48.1	48.1
GE 20000	45.8	47.2	47.8	47.8	47.8	47.9	48.3	48.7	48.7	48.9	49.0	49.2	49.3	49.7	49.7	49.7
GE 18000	47.1	48.5	49.1	49.1	49.1	49.2	49.7	50.0	50.0	50.2	50.3	50.6	50.7	51.0	51.0	51.0
GE 16000	47.1	48.5	49.1	49.1	49.1	49.2	49.7	50.0	50.0	50.2	50.3	50.6	50.7	51.0	51.0	51.0
GE 14000	47.8	49.2	49.8	49.8	49.8	49.9	50.3	50.7	50.7	50.9	51.0	51.2	51.3	51.7	51.7	51.7
GE 12000	48.7	50.1	50.7	50.7	50.7	50.8	51.2	51.6	51.6	51.8	51.9	52.1	52.2	52.6	52.6	52.6
GE 10000	51.0	52.6	53.1	53.1	53.1	53.2	53.7	54.0	54.0	54.2	54.4	54.6	54.7	55.0	55.0	55.0
GE 9000	54.2	56.0	56.6	56.6	56.7	56.8	57.3	57.6	57.6	57.8	57.9	58.1	58.3	58.6	58.6	58.6
GE 8000	56.8	58.6	59.2	59.2	59.3	59.4	59.8	60.2	60.2	60.4	60.5	60.7	60.8	61.2	61.2	61.2
GE 7000	59.0	60.9	61.5	61.5	61.9	62.1	62.5	62.8	62.8	63.1	63.2	63.4	63.5	63.8	63.8	63.8
GE 6000	60.2	62.2	62.7	62.7	63.2	63.3	63.7	64.1	64.1	64.3	64.4	64.6	64.7	65.1	65.1	65.1
GE 5000	62.5	64.8	65.8	65.8	66.4	66.5	67.0	67.3	67.3	67.5	67.6	67.9	68.0	68.3	68.3	68.3
GE 4500	67.2	69.8	70.8	70.8	71.5	71.7	72.1	72.4	72.4	72.7	72.8	73.0	73.1	73.4	73.4	73.4
GE 4000	68.5	71.3	72.7	72.7	73.5	73.7	74.2	74.6	74.6	74.8	74.9	75.1	75.2	75.6	75.6	75.6
GE 3500	71.3	74.9	77.0	77.5	78.5	78.6	79.4	79.7	79.7	79.9	80.0	80.2	80.4	80.7	80.7	80.7
GE 3000	73.4	77.1	79.8	80.2	81.5	81.6	82.5	82.8	82.8	83.0	83.1	83.4	83.5	83.8	83.8	83.8
GE 2500	74.9	79.5	82.5	83.3	84.9	85.0	85.9	86.3	86.3	86.8	86.9	87.2	87.3	87.6	87.6	87.6
GE 2000	75.7	80.8	84.3	85.0	86.8	86.9	88.3	88.6	88.6	89.2	89.3	89.5	89.6	90.0	90.0	90.0
GE 1800	76.0	81.3	84.7	85.5	87.3	87.5	89.0	89.3	89.3	89.8	90.0	90.2	90.3	90.6	90.6	90.6
GE 1500	76.8	82.1	86.3	87.1	89.0	89.4	91.0	91.3	91.3	92.2	92.4	92.6	92.7	93.1	93.1	93.1
GE 1200	77.5	83.0	87.4	88.2	90.4	91.0	93.2	93.6	93.6	94.5	94.8	95.0	95.3	95.6	95.6	95.6
GE 1000	77.7	83.5	87.8	88.6	90.8	91.4	94.2	94.6	94.6	95.9	96.1	96.3	96.7	97.0	97.0	97.0
GE 900	77.8	83.6	87.9	88.7	91.0	91.5	94.3	94.8	94.8	96.0	96.2	96.4	96.8	97.1	97.1	97.1
GE 800	77.8	83.6	87.9	88.7	91.0	91.5	94.3	94.9	94.9	96.1	96.3	96.5	96.9	97.2	97.2	97.2
GE 700	78.0	83.8	88.2	89.0	91.2	91.7	94.5	95.1	95.1	96.5	96.5	96.8	97.1	97.4	97.4	97.4
GE 600	78.1	83.9	88.3	89.1	91.3	91.9	94.6	95.3	95.3	96.7	97.0	97.2	97.5	97.9	97.9	97.9
GE 500	78.2	84.0	88.5	89.4	91.6	92.2	95.0	95.6	95.6	97.0	97.3	97.5	98.0	98.3	98.3	98.3
GE 400	78.6	84.5	89.3	90.2	92.5	93.1	95.9	96.5	96.5	97.9	98.3	98.5	99.2	99.6	99.6	99.6
GE 300	78.8	84.7	89.5	90.4	92.7	93.3	96.1	96.8	96.8	98.1	98.5	98.8	99.6	99.9	99.9	99.9
GE 200	78.8	84.7	89.5	90.4	92.7	93.3	96.1	96.8	96.8	98.1	98.5	98.8	99.6	99.9	99.9	99.9
GE 100	78.8	84.7	89.5	90.4	92.7	93.3	96.1	96.8	96.8	98.1	98.5	98.8	99.7	100.0	100.0	100.0
GE 000	78.8	84.7	89.5	90.4	92.7	93.3	96.1	96.8	96.8	98.1	98.5	98.8	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.2	44.0	44.7	45.0	45.2	45.3	45.6	45.7	45.7	45.9	46.1	46.2	46.4	46.6	46.7	46.8
GE 20000	45.1	45.9	46.6	46.9	47.1	47.2	47.5	47.6	47.6	47.9	48.0	48.1	48.4	48.6	48.6	48.8
GE 18000	45.6	46.5	47.1	47.4	47.7	47.8	48.1	48.2	48.2	48.4	48.6	48.7	48.9	49.1	49.2	49.3
GE 16000	45.8	46.7	47.3	47.6	47.9	48.0	48.3	48.4	48.4	48.6	48.8	48.9	49.1	49.3	49.4	49.6
GE 14000	46.8	47.6	48.3	48.6	48.9	48.9	49.2	49.4	49.4	49.6	49.7	49.9	50.1	50.3	50.4	50.5
GE 12000	48.4	49.2	49.9	50.2	50.5	50.6	51.0	51.1	51.1	51.4	51.5	51.6	51.9	52.1	52.1	52.3
GE 10000	52.1	53.0	53.7	54.0	54.4	54.5	54.8	55.0	55.0	55.2	55.3	55.5	55.7	55.9	56.0	56.1
GE 9000	55.1	56.1	56.8	57.1	57.5	57.6	58.0	58.2	58.2	58.4	58.5	58.6	58.9	59.1	59.2	59.3
GE 8000	58.9	60.1	60.9	61.2	61.6	61.7	62.1	62.3	62.3	62.5	62.6	62.8	63.0	63.2	63.3	63.4
GE 7000	61.4	62.6	63.5	63.8	64.4	64.5	64.9	65.1	65.1	65.3	65.5	65.6	65.8	66.0	66.1	66.3
GE 6000	62.8	64.2	65.1	65.4	66.0	66.1	66.5	66.7	66.7	67.0	67.1	67.2	67.5	67.7	67.7	67.9
GE 5000	65.5	67.1	68.2	68.6	69.1	69.3	69.8	70.0	70.0	70.3	70.4	70.5	70.8	71.0	71.1	71.2
GE 4500	68.2	69.9	71.1	71.7	72.4	72.5	73.2	73.4	73.4	73.6	73.8	73.9	74.1	74.4	74.4	74.6
GE 4000	69.6	71.6	73.0	73.6	74.4	74.6	75.4	75.7	75.7	75.9	76.0	76.2	76.4	76.6	76.7	76.8
GE 3500	72.6	74.9	76.6	77.4	78.6	78.8	79.8	80.1	80.1	80.4	80.6	80.7	80.9	81.2	81.2	81.4
GE 3000	74.5	77.1	79.3	80.2	81.6	81.9	83.0	83.5	83.5	83.8	83.9	84.1	84.3	84.5	84.6	84.7
GE 2500	76.1	79.1	81.5	82.6	84.4	84.8	86.3	86.8	86.8	87.3	87.4	87.6	87.9	88.0	88.1	88.2
GE 2000	77.7	81.0	83.7	84.9	86.9	87.6	89.2	89.8	89.8	90.5	90.7	90.8	91.0	91.3	91.3	91.5
GE 1800	78.0	81.4	84.2	85.4	87.5	88.1	89.9	90.5	90.5	91.2	91.4	91.5	91.7	92.0	92.0	92.2
GE 1500	78.5	82.1	85.0	86.4	88.6	89.4	91.4	92.1	92.1	93.1	93.4	93.5	93.7	94.0	94.0	94.2
GE 1200	79.3	83.0	86.1	87.5	89.9	90.8	93.0	93.9	94.0	95.2	95.4	95.5	95.8	96.1	96.1	96.3
GE 1000	79.6	83.4	86.6	88.0	90.4	91.4	93.7	94.7	94.8	96.2	96.5	96.6	96.9	97.2	97.2	97.4
GE 900	79.7	83.5	86.7	88.1	90.5	91.5	93.8	94.8	94.9	96.3	96.7	96.8	97.1	97.3	97.4	97.5
GE 800	79.9	83.7	87.1	88.5	90.9	91.9	94.2	95.3	95.4	96.8	97.3	97.4	97.8	98.0	98.1	98.2
GE 700	80.0	83.9	87.2	88.6	91.1	92.0	94.4	95.5	95.6	97.0	97.6	97.8	98.1	98.4	98.4	98.6
GE 600	80.1	84.0	87.4	88.8	91.2	92.2	94.5	95.7	95.8	97.3	97.9	98.0	98.4	98.6	98.7	98.8
GE 500	80.2	84.1	87.5	89.0	91.4	92.3	94.7	95.8	95.9	97.5	98.1	98.2	98.7	98.9	99.0	99.1
GE 400	80.4	84.4	87.8	89.3	91.7	92.7	95.1	96.2	96.3	97.8	98.4	98.6	99.2	99.4	99.5	99.6
GE 300	80.5	84.5	88.0	89.5	91.9	92.8	95.3	96.4	96.5	98.0	98.7	98.8	99.4	99.6	99.7	99.8
GE 200	80.5	84.6	88.0	89.5	92.0	92.9	95.3	96.5	96.6	98.1	98.7	98.9	99.5	99.7	99.8	99.9
GE 100	80.5	84.6	88.0	89.5	92.0	92.9	95.3	96.5	96.6	98.1	98.7	98.9	99.5	99.7	99.8	100.0
GE 000	80.5	84.6	88.0	89.5	92.0	92.9	95.3	96.5	96.6	98.1	98.7	98.9	99.5	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7168

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	42.5	43.0	43.3	43.9	43.9	44.7	44.7	44.7	45.5	45.8	45.8	46.2	46.2	46.3	46.6
GE 20000	44.7	45.4	45.9	46.2	46.8	46.8	47.6	47.6	47.6	48.4	48.7	48.7	49.1	49.1	49.2	49.5
GE 18000	44.9	45.6	46.1	46.5	47.0	47.0	47.8	47.8	47.8	48.6	48.9	48.9	49.4	49.4	49.5	49.7
GE 16000	44.9	45.6	46.1	46.5	47.0	47.0	47.8	47.8	47.8	48.6	48.9	48.9	49.4	49.4	49.5	49.7
GE 14000	45.9	46.6	47.1	47.4	48.0	48.0	48.8	48.8	48.8	49.6	49.9	49.9	50.3	50.3	50.4	50.6
GE 12000	50.1	50.8	51.3	51.6	52.2	52.2	53.0	53.0	53.0	53.8	54.1	54.1	54.5	54.5	54.6	54.8
GE 10000	55.7	56.3	57.0	57.3	57.8	57.8	58.7	58.7	58.7	59.5	59.8	59.8	60.2	60.2	60.3	60.5
GE 9000	58.9	59.6	60.3	60.6	61.2	61.2	62.0	62.0	62.0	62.8	63.1	63.1	63.5	63.5	63.7	63.9
GE 8000	64.1	64.7	65.5	65.8	66.3	66.3	67.2	67.2	67.2	68.0	68.3	68.3	68.7	68.7	68.8	69.0
GE 7000	64.8	65.6	66.3	66.7	67.2	67.2	68.1	68.1	68.1	68.8	69.1	69.1	69.6	69.6	69.7	69.9
GE 6000	66.1	66.9	67.6	68.0	68.5	68.5	69.4	69.4	69.4	70.1	70.4	70.4	70.9	70.9	71.0	71.2
GE 5000	69.7	70.4	71.2	71.5	72.3	72.3	73.1	73.1	73.1	73.9	74.2	74.2	74.6	74.6	74.7	74.9
GE 4500	72.2	72.9	73.7	74.0	74.7	74.7	75.6	75.6	75.6	76.3	76.7	76.7	77.1	77.1	77.2	77.4
GE 4000	73.1	74.0	75.2	75.5	76.6	76.6	77.8	77.8	77.8	78.6	78.9	78.9	79.4	79.4	79.5	79.7
GE 3500	74.2	75.4	76.7	77.0	78.4	78.4	79.8	79.8	79.8	80.5	80.9	80.9	81.3	81.3	81.4	81.6
GE 3000	76.0	77.5	79.2	79.8	81.3	81.3	82.9	82.9	82.9	83.7	84.0	84.0	84.4	84.4	84.5	84.7
GE 2500	77.5	79.0	81.3	81.9	83.8	83.9	85.6	85.9	85.9	86.7	87.0	87.0	87.4	87.4	87.5	87.7
GE 2000	78.8	80.3	82.8	83.4	85.4	85.5	87.5	88.1	88.1	88.8	89.1	89.1	89.6	89.6	89.7	89.9
GE 1800	79.5	81.0	83.5	84.2	86.1	86.2	88.5	89.0	89.0	89.8	90.1	90.1	90.5	90.5	90.6	90.9
GE 1500	80.9	82.5	85.2	85.9	87.8	88.1	90.4	91.2	91.2	91.9	92.3	92.3	92.8	92.8	92.9	93.1
GE 1200	81.9	83.5	86.3	87.3	89.6	89.9	92.3	93.0	93.0	94.0	94.4	94.4	94.9	94.9	95.1	95.3
GE 1000	82.8	84.4	87.2	88.2	90.6	91.0	93.5	94.3	94.3	95.3	95.9	95.9	96.5	96.5	96.6	96.8
GE 900	83.1	84.7	87.5	88.5	91.0	91.3	93.9	94.6	94.6	95.7	96.5	96.5	97.0	97.0	97.1	97.3
GE 800	83.4	85.1	87.8	88.8	91.3	91.6	94.2	94.9	94.9	96.0	96.9	96.9	97.4	97.4	97.5	97.7
GE 700	83.5	85.2	88.0	88.9	91.4	91.7	94.3	95.1	95.1	96.2	97.1	97.1	97.6	97.6	97.7	98.0
GE 600	83.5	85.2	88.0	88.9	91.4	91.7	94.3	95.1	95.1	96.5	97.4	97.4	98.0	98.0	98.1	98.3
GE 500	83.8	85.4	88.2	89.1	91.7	92.0	94.6	95.4	95.4	96.8	97.8	97.8	98.4	98.4	98.5	98.7
GE 400	83.8	85.4	88.2	89.1	91.7	92.0	94.6	95.6	95.6	97.0	98.1	98.1	98.7	98.7	98.8	99.0
GE 300	84.0	85.6	88.4	89.4	91.9	92.3	94.8	95.8	95.8	97.4	98.5	98.5	99.2	99.2	99.4	99.6
GE 200	84.0	85.6	88.5	89.5	92.0	92.4	94.9	95.9	95.9	97.5	98.6	98.6	99.5	99.5	99.6	99.8
GE 100	84.0	85.6	88.5	89.5	92.0	92.4	94.9	95.9	95.9	97.5	98.6	98.6	99.6	99.6	99.8	100.0
GE 000	84.0	85.6	88.5	89.5	92.0	92.4	94.9	95.9	95.9	97.5	98.6	98.6	99.6	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.4	38.2	39.1	39.4	39.5	39.5	40.6	40.6	40.6	41.1	41.6	41.6	42.0	42.0	42.3	42.5
GE 20000	40.1	41.0	41.8	42.1	42.3	42.3	43.3	43.3	43.3	43.8	44.3	44.3	44.7	44.7	45.0	45.2
GE 18000	40.4	41.3	42.1	42.5	42.6	42.6	43.7	43.7	43.7	44.1	44.6	44.6	45.1	45.1	45.3	45.5
GE 16000	41.3	42.1	43.0	43.3	43.4	43.4	44.5	44.5	44.5	45.0	45.5	45.5	45.9	45.9	46.2	46.4
GE 14000	43.2	44.1	45.1	45.4	45.5	45.5	46.6	46.6	46.6	47.0	47.6	47.6	48.0	48.0	48.2	48.4
GE 12000	48.1	49.0	49.9	50.3	50.4	50.4	51.5	51.5	51.5	51.9	52.4	52.4	52.9	52.9	53.1	53.3
GE 10000	55.4	56.2	57.2	57.5	57.6	57.6	58.7	58.7	58.7	59.2	59.7	59.7	60.1	60.1	60.3	60.6
GE 9000	57.7	58.6	59.7	60.0	60.1	60.1	61.2	61.2	61.2	61.6	62.2	62.2	62.6	62.6	62.8	63.1
GE 8000	62.4	63.3	64.5	64.8	64.9	64.9	66.0	66.0	66.0	66.4	67.0	67.0	67.4	67.4	67.6	67.8
GE 7000	64.8	65.8	67.1	67.4	67.5	67.5	68.6	68.6	68.6	69.0	69.6	69.6	70.0	70.0	70.2	70.4
GE 6000	65.8	66.7	68.0	68.4	68.5	68.5	69.6	69.6	69.6	70.0	70.5	70.5	71.0	71.0	71.2	71.4
GE 5000	68.0	69.1	70.4	70.7	71.0	71.0	72.0	72.0	72.0	72.5	73.0	73.0	73.5	73.5	73.7	73.9
GE 4500	69.9	71.1	72.5	72.9	73.1	73.1	74.2	74.2	74.2	75.0	75.5	75.5	75.9	75.9	76.2	76.4
GE 4000	71.4	72.9	74.5	75.1	75.4	75.4	76.5	76.5	76.5	77.4	77.9	77.9	78.3	78.3	78.5	78.8
GE 3500	73.5	75.2	77.2	77.8	78.1	78.1	79.2	79.2	79.2	80.3	80.8	80.8	81.3	81.3	81.5	81.7
GE 3000	75.5	77.7	80.0	80.6	81.0	81.0	82.2	82.2	82.2	83.5	84.1	84.1	84.5	84.5	84.7	84.9
GE 2500	76.5	79.3	81.9	82.7	83.2	83.2	84.4	84.7	84.7	86.0	86.6	86.6	87.0	87.0	87.2	87.4
GE 2000	77.8	80.6	83.9	84.6	85.4	85.5	86.7	87.0	87.0	88.3	89.1	89.1	89.5	89.5	89.7	89.9
GE 1800	78.3	81.1	84.4	85.2	85.9	86.0	87.2	87.5	87.5	88.8	89.6	89.6	90.0	90.0	90.2	90.5
GE 1500	79.6	82.7	85.9	86.9	87.8	88.0	89.2	89.7	89.7	91.0	91.8	91.8	92.3	92.3	92.5	92.7
GE 1200	81.5	84.6	88.0	89.2	90.1	90.4	91.7	92.2	92.2	93.5	94.3	94.3	94.8	94.8	95.0	95.2
GE 1000	81.9	85.2	88.5	89.7	90.9	91.1	92.7	93.3	93.3	94.6	95.3	95.3	95.9	95.9	96.1	96.3
GE 900	81.9	85.2	88.6	89.8	91.0	91.2	93.0	93.5	93.5	94.9	95.8	95.8	96.3	96.3	96.5	96.7
GE 800	82.7	85.9	89.4	90.6	91.8	92.0	93.7	94.3	94.3	95.7	96.9	96.9	97.4	97.4	97.6	97.8
GE 700	82.8	86.0	89.5	90.7	91.9	92.1	93.8	94.5	94.5	95.9	97.1	97.1	97.6	97.6	97.8	98.0
GE 600	83.0	86.2	89.7	90.9	92.1	92.3	94.0	95.0	95.0	96.4	97.6	97.6	98.2	98.2	98.4	98.6
GE 500	83.1	86.3	89.9	91.1	92.3	92.5	94.3	95.2	95.2	96.6	97.9	97.9	98.5	98.6	98.8	99.0
GE 400	83.4	86.7	90.2	91.4	92.6	92.8	94.6	95.6	95.6	97.0	98.3	98.3	98.8	98.9	99.1	99.3
GE 300	83.5	86.8	90.4	91.5	92.7	93.0	94.7	95.7	95.7	97.1	98.5	98.5	99.0	99.1	99.3	99.6
GE 200	83.7	87.0	90.6	91.8	93.0	93.2	94.9	95.9	95.9	97.3	98.7	98.7	99.2	99.3	99.6	99.8
GE 100	83.7	87.0	90.6	91.8	93.0	93.2	94.9	96.0	96.0	97.4	98.8	98.8	99.3	99.5	99.7	100.0
GE 000	83.7	87.0	90.6	91.8	93.0	93.2	94.9	96.0	96.0	97.4	98.8	98.8	99.3	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.7	41.6	42.0	42.1	42.5	42.6	43.2	43.2	43.2	43.4	43.8	43.8	44.4	44.4	44.5	45.0
GE 20000	43.6	44.5	44.9	45.0	45.5	45.6	46.1	46.1	46.1	46.3	46.8	46.8	47.3	47.3	47.4	47.9
GE 18000	44.4	45.2	45.7	45.8	46.2	46.3	46.9	46.9	46.9	47.1	47.5	47.5	48.1	48.1	48.2	48.7
GE 16000	45.3	46.2	46.6	46.8	47.2	47.3	47.8	47.8	47.8	48.1	48.5	48.5	49.0	49.0	49.1	49.7
GE 14000	46.9	47.7	48.2	48.3	48.7	48.8	49.4	49.4	49.4	49.6	50.0	50.0	50.5	50.5	50.6	51.2
GE 12000	50.0	50.9	51.3	51.4	51.8	51.9	52.5	52.5	52.5	52.7	53.1	53.1	53.7	53.7	53.8	54.3
GE 10000	55.4	56.3	56.7	56.8	57.3	57.4	57.9	57.9	57.9	58.1	58.5	58.5	59.1	59.1	59.2	59.7
GE 9000	58.9	59.7	60.2	60.3	60.7	60.8	61.4	61.4	61.4	61.6	62.0	62.0	62.6	62.6	62.7	63.2
GE 8000	64.6	65.7	66.1	66.2	66.8	66.9	67.4	67.4	67.4	67.6	68.1	68.1	68.6	68.6	68.7	69.3
GE 7000	66.1	67.2	67.6	67.7	68.3	68.4	68.9	68.9	68.9	69.2	69.6	69.6	70.1	70.1	70.2	70.8
GE 6000	67.4	68.7	69.2	69.3	69.8	69.9	70.5	70.5	70.5	70.7	71.1	71.1	71.6	71.6	71.8	72.3
GE 5000	69.6	70.9	71.4	71.5	72.1	72.2	72.7	72.7	72.7	73.1	73.5	73.5	74.0	74.0	74.1	74.7
GE 4500	71.9	73.5	74.1	74.4	75.0	75.1	75.6	75.6	75.6	76.1	76.5	76.5	77.1	77.1	77.2	77.7
GE 4000	73.9	75.5	76.8	77.1	77.7	77.8	78.4	78.4	78.4	78.9	79.3	79.3	79.9	79.9	80.0	80.5
GE 3500	74.8	76.5	77.8	78.0	78.7	78.8	79.3	79.3	79.3	79.9	80.3	80.3	80.8	80.8	81.0	81.5
GE 3000	75.9	77.7	79.4	79.9	81.0	81.1	81.7	81.7	81.7	82.4	82.8	82.8	83.3	83.3	83.4	84.0
GE 2500	76.9	79.3	81.4	82.0	83.4	83.5	84.3	84.3	84.3	85.1	85.5	85.5	86.0	86.0	86.1	86.7
GE 2000	77.6	80.2	82.6	83.3	85.1	85.3	86.3	86.4	86.4	87.1	87.6	87.6	88.1	88.1	88.2	88.7
GE 1800	79.0	81.6	84.0	84.7	86.6	86.9	87.9	88.0	88.0	88.9	89.3	89.3	89.8	89.8	89.9	90.5
GE 1500	80.2	82.9	85.5	86.3	88.3	88.6	89.8	89.9	89.9	91.0	91.5	91.5	92.0	92.0	92.1	92.6
GE 1200	81.4	84.3	86.9	87.8	89.8	90.2	91.3	91.5	91.5	92.5	93.0	93.0	93.5	93.5	93.6	94.2
GE 1000	82.5	85.4	88.0	88.9	90.9	91.2	92.4	92.9	92.9	93.9	94.4	94.4	94.9	94.9	95.0	95.6
GE 900	83.0	85.9	88.5	89.4	91.5	91.8	93.0	93.4	93.4	94.5	94.9	94.9	95.5	95.5	95.6	96.1
GE 800	83.0	85.9	88.5	89.4	91.5	91.8	93.0	93.4	93.4	94.5	94.9	94.9	95.5	95.5	95.6	96.1
GE 700	83.2	86.3	88.9	89.7	91.8	92.1	93.3	93.8	93.8	95.0	95.5	95.5	96.0	96.0	96.1	96.6
GE 600	83.4	86.5	89.1	89.9	92.0	92.3	93.5	94.3	94.3	95.6	96.0	96.0	96.5	96.5	96.6	97.2
GE 500	83.7	86.7	89.3	90.2	92.2	92.5	93.8	94.7	94.7	96.1	96.8	96.8	97.3	97.3	97.4	97.9
GE 400	83.7	86.7	89.5	90.4	92.6	93.0	94.3	95.2	95.2	96.6	97.3	97.3	97.8	97.8	97.9	98.5
GE 300	83.8	86.8	89.6	90.5	92.7	93.1	94.4	95.5	95.5	97.0	97.8	97.8	98.4	98.4	98.5	99.0
GE 200	83.8	86.8	89.6	90.5	92.7	93.1	94.4	95.5	95.5	97.0	97.9	97.9	98.5	98.6	98.8	99.4
GE 100	83.8	86.8	89.6	90.5	92.7	93.1	94.4	95.5	95.5	97.1	98.1	98.1	98.6	98.7	99.0	100.0
GE 000	83.8	86.8	89.6	90.5	92.7	93.1	94.4	95.5	95.5	97.1	98.1	98.1	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.4	38.2	38.7	38.7	39.2	39.2	39.7	39.8	39.8	40.2	40.3	40.4	41.3	41.4	41.6	42.2
GE 20000	41.4	42.2	42.7	42.7	43.2	43.2	43.7	43.8	43.8	44.2	44.3	44.4	45.3	45.4	45.6	46.1
GE 18000	41.9	42.7	43.2	43.2	43.8	43.8	44.2	44.3	44.3	44.7	44.8	44.9	45.8	45.9	46.1	46.7
GE 16000	42.6	43.3	43.9	43.9	44.4	44.4	44.8	44.9	44.9	45.4	45.5	45.6	46.5	46.6	46.9	47.3
GE 14000	44.7	45.5	46.0	46.0	46.6	46.6	47.0	47.1	47.1	47.5	47.6	47.7	48.6	48.7	48.9	49.5
GE 12000	48.5	49.2	49.8	49.8	50.3	50.3	50.8	50.9	50.9	51.3	51.4	51.5	52.4	52.5	52.7	53.2
GE 10000	53.3	54.2	54.7	54.7	55.5	55.5	55.9	56.0	56.0	56.5	56.6	56.7	57.5	57.6	57.8	58.4
GE 9000	56.0	57.0	57.5	57.5	58.3	58.3	58.7	58.8	58.8	59.2	59.4	59.5	60.3	60.4	60.6	61.2
GE 8000	62.7	63.7	64.3	64.3	65.2	65.2	65.6	65.7	65.7	66.1	66.2	66.3	67.2	67.3	67.5	68.1
GE 7000	65.3	66.2	66.9	67.0	68.1	68.1	68.5	68.6	68.6	69.0	69.1	69.2	70.1	70.2	70.4	71.0
GE 6000	66.7	67.6	68.3	68.5	69.6	69.6	70.0	70.1	70.1	70.5	70.6	70.8	71.6	71.7	71.9	72.5
GE 5000	69.5	70.4	71.2	71.5	72.7	72.7	73.1	73.2	73.2	73.7	73.8	73.9	74.7	74.8	75.1	75.6
GE 4500	70.6	71.8	72.7	73.0	74.5	74.6	75.1	75.2	75.2	75.6	75.7	75.8	76.7	76.8	77.0	77.5
GE 4000	72.3	73.5	74.5	75.2	76.8	77.1	77.5	77.6	77.6	78.1	78.2	78.3	79.1	79.2	79.5	80.0
GE 3500	74.1	75.5	76.5	77.1	78.8	79.1	79.7	79.8	79.8	80.2	80.3	80.4	81.3	81.4	81.6	82.2
GE 3000	74.8	76.3	77.4	78.1	80.0	80.4	81.1	81.3	81.3	81.7	81.8	81.9	82.8	82.9	83.1	83.7
GE 2500	77.0	78.9	80.0	80.6	82.8	83.5	84.6	84.8	84.8	85.4	85.5	85.6	86.5	86.6	86.8	87.3
GE 2000	78.1	80.2	81.3	82.0	84.5	85.4	86.6	86.8	86.8	87.3	87.4	87.5	88.4	88.5	88.7	89.2
GE 1800	78.8	81.1	82.4	83.1	85.6	86.6	87.7	88.0	88.0	88.5	88.6	88.7	89.6	89.7	89.9	90.4
GE 1500	79.7	82.4	84.3	85.1	87.8	88.8	90.3	91.0	91.0	91.5	91.6	91.7	92.6	92.7	92.9	93.4
GE 1200	80.4	83.2	85.3	86.0	88.8	89.9	91.6	92.4	92.4	92.9	93.0	93.1	94.0	94.1	94.3	94.8
GE 1000	80.6	83.4	85.5	86.3	89.2	90.3	92.0	92.8	92.8	93.5	93.7	93.8	94.6	94.7	94.9	95.5
GE 900	80.8	83.5	85.6	86.5	89.4	90.4	92.2	92.9	92.9	93.7	93.8	93.9	94.7	94.8	95.1	95.6
GE 800	81.2	84.1	86.1	87.0	90.0	91.2	92.9	93.9	93.9	94.7	94.9	95.1	95.9	96.0	96.2	96.8
GE 700	81.3	84.2	86.2	87.1	90.1	91.3	93.0	94.0	94.0	95.1	95.3	95.4	96.2	96.3	96.6	97.1
GE 600	81.4	84.3	86.3	87.2	90.2	91.4	93.2	94.2	94.2	95.6	95.8	95.9	96.8	96.9	97.1	97.6
GE 500	81.6	84.5	86.6	87.4	90.5	91.7	93.5	94.5	94.5	95.9	96.3	96.5	97.5	97.6	97.8	98.4
GE 400	81.6	84.5	86.6	87.4	90.5	91.7	93.5	94.5	94.5	95.9	96.3	96.5	97.5	97.6	97.8	98.4
GE 300	81.6	84.5	86.6	87.4	90.6	91.8	93.7	94.7	94.7	96.1	96.6	97.1	98.2	98.3	98.5	99.1
GE 200	81.6	84.5	86.6	87.4	90.6	91.8	93.7	94.7	94.7	96.1	96.6	97.1	98.4	98.5	99.1	99.8
GE 100	81.6	84.5	86.6	87.4	90.6	91.8	93.7	94.7	94.7	96.1	96.6	97.1	98.4	98.5	99.1	100.0
GE 000	81.6	84.5	86.6	87.4	90.6	91.8	93.7	94.7	94.7	96.1	96.6	97.1	98.4	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.7	36.8	37.4	37.4	37.9	37.9	38.4	38.6	38.6	39.0	39.2	39.3	39.5	39.9	40.2	40.8
GE 20000	39.7	40.8	41.4	41.4	41.9	41.9	42.4	42.6	42.6	43.1	43.2	43.3	43.5	43.9	44.3	44.8
GE 18000	39.7	40.8	41.4	41.4	41.9	41.9	42.4	42.6	42.6	43.1	43.2	43.3	43.5	43.9	44.3	44.8
GE 16000	40.2	41.3	42.0	42.0	42.4	42.4	43.0	43.2	43.2	43.6	43.7	43.8	44.0	44.5	44.8	45.3
GE 14000	42.1	43.2	43.8	43.8	44.3	44.3	44.8	45.0	45.0	45.4	45.6	45.7	45.9	46.3	46.6	47.2
GE 12000	47.3	48.4	49.0	49.0	49.5	49.5	50.0	50.2	50.2	50.7	50.8	50.9	51.1	51.5	51.8	52.4
GE 10000	52.0	53.0	53.7	53.7	54.1	54.1	54.8	55.0	55.0	55.4	55.5	55.6	55.9	56.3	56.6	57.2
GE 9000	55.7	56.8	57.5	57.5	57.9	57.9	58.6	58.8	58.8	59.2	59.3	59.4	59.7	60.1	60.4	61.0
GE 8000	60.5	61.6	62.3	62.3	62.8	62.8	63.4	63.7	63.7	64.1	64.2	64.3	64.5	65.0	65.3	65.8
GE 7000	62.9	64.0	64.6	64.6	65.2	65.2	65.8	66.1	66.1	66.5	66.6	66.7	66.9	67.4	67.7	68.2
GE 6000	64.5	65.6	66.3	66.3	66.8	66.8	67.5	67.7	67.7	68.1	68.2	68.3	68.5	69.0	69.3	69.8
GE 5000	67.8	68.9	69.6	69.7	70.3	70.5	71.1	71.4	71.4	71.8	71.9	72.0	72.2	72.7	73.0	73.5
GE 4500	70.1	71.3	72.0	72.2	72.9	73.1	73.9	74.1	74.1	74.5	74.6	74.7	75.1	75.5	75.8	76.4
GE 4000	71.9	73.2	74.1	74.5	75.2	75.4	76.1	76.5	76.5	76.9	77.0	77.1	77.4	77.9	78.2	78.7
GE 3500	73.4	74.8	75.8	76.2	77.0	77.3	78.3	78.6	78.6	79.2	79.3	79.4	79.7	80.2	80.5	81.0
GE 3000	75.8	77.2	78.2	78.7	79.8	80.3	81.3	81.8	81.8	82.3	82.4	82.5	82.9	83.3	83.6	84.2
GE 2500	77.1	79.0	80.2	81.0	82.2	83.0	84.2	84.8	84.8	85.4	85.5	85.6	85.9	86.3	86.7	87.2
GE 2000	77.7	79.6	80.9	81.9	83.2	83.9	85.7	86.4	86.4	87.1	87.2	87.4	87.7	88.2	88.5	89.0
GE 1800	78.2	80.3	81.7	82.8	84.1	84.8	86.6	87.3	87.3	88.0	88.1	88.3	88.6	89.0	89.4	89.9
GE 1500	79.9	82.0	83.7	84.8	86.4	87.2	89.2	90.0	90.0	90.7	90.8	91.0	91.3	91.8	92.1	92.6
GE 1200	80.5	82.5	84.5	85.7	87.3	88.1	90.2	91.2	91.2	91.9	92.0	92.2	92.5	93.0	93.3	93.8
GE 1000	80.7	82.8	84.7	85.9	87.5	88.3	90.7	91.9	91.9	92.6	92.7	93.0	93.3	93.7	94.0	94.6
GE 900	80.7	82.8	84.7	85.9	87.7	88.5	90.9	92.1	92.1	92.8	93.0	93.2	93.5	93.9	94.3	94.8
GE 800	80.8	82.9	84.8	86.0	88.0	88.7	91.1	92.3	92.3	93.1	93.3	93.5	93.8	94.3	94.6	95.1
GE 700	80.8	82.9	84.8	86.1	88.1	88.8	91.2	92.5	92.7	93.5	93.8	94.0	94.4	94.8	95.1	95.7
GE 600	80.9	83.0	85.1	86.4	88.8	89.6	92.5	93.9	94.1	95.2	95.6	95.9	96.2	96.6	97.0	97.5
GE 500	81.0	83.1	85.2	86.6	88.9	89.7	92.6	94.0	94.3	95.3	95.9	96.4	97.4	97.8	98.3	98.8
GE 400	81.0	83.1	85.2	86.6	88.9	89.7	92.7	94.1	94.4	95.6	96.1	96.7	97.8	98.3	98.7	99.2
GE 300	81.0	83.1	85.2	86.6	88.9	89.8	93.0	94.4	94.6	95.8	96.3	97.0	98.0	98.5	98.9	99.6
GE 200	81.0	83.1	85.2	86.6	88.9	89.8	93.0	94.4	94.6	95.8	96.3	97.0	98.0	98.5	99.1	100.0
GE 100	81.0	83.1	85.2	86.6	88.9	89.8	93.0	94.4	94.6	95.8	96.3	97.0	98.0	98.5	99.1	100.0
GE 000	81.0	83.1	85.2	86.6	88.9	89.8	93.0	94.4	94.6	95.8	96.3	97.0	98.0	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.5	37.1	38.0	38.3	39.0	39.0	39.1	39.4	39.4	40.5	40.6	40.6	41.0	41.0	41.7	42.0
GE 20000	39.6	40.3	41.1	41.5	42.1	42.1	42.2	42.5	42.5	43.6	43.7	43.7	44.2	44.2	44.8	45.1
GE 18000	39.8	40.5	41.3	41.7	42.3	42.3	42.4	42.7	42.7	43.8	43.9	43.9	44.4	44.4	45.0	45.3
GE 16000	40.2	40.8	41.7	42.0	42.6	42.6	42.7	43.1	43.1	44.2	44.3	44.3	44.7	44.7	45.3	45.7
GE 14000	42.6	43.3	44.2	44.5	45.1	45.1	45.2	45.6	45.6	46.8	46.9	46.9	47.3	47.3	47.9	48.3
GE 12000	47.1	47.7	48.6	48.9	49.6	49.6	49.7	50.0	50.0	51.2	51.3	51.3	51.7	51.7	52.4	52.7
GE 10000	52.7	53.4	54.2	54.5	55.2	55.2	55.3	55.6	55.6	56.8	56.9	56.9	57.4	57.4	58.0	58.3
GE 9000	57.4	58.0	58.9	59.2	59.8	59.8	60.0	60.3	60.3	61.5	61.6	61.6	62.0	62.0	62.7	63.0
GE 8000	62.8	63.4	64.3	64.6	65.6	65.6	65.7	66.0	66.0	67.2	67.3	67.3	67.7	67.7	68.4	68.7
GE 7000	65.5	66.1	67.0	67.3	68.4	68.4	68.5	68.8	68.8	70.0	70.1	70.1	70.6	70.6	71.2	71.5
GE 6000	66.9	67.7	68.6	68.9	70.1	70.1	70.2	70.6	70.6	71.8	71.9	71.9	72.3	72.3	72.9	73.3
GE 5000	69.4	70.3	71.2	71.6	72.8	72.8	72.9	73.3	73.3	74.5	74.6	74.6	75.0	75.0	75.6	76.0
GE 4500	70.6	71.6	72.6	73.1	74.4	74.6	74.9	75.2	75.2	76.4	76.5	76.5	76.9	76.9	77.6	77.9
GE 4000	71.3	72.7	73.8	74.2	75.6	76.1	76.7	77.2	77.2	78.5	78.6	78.6	79.0	79.0	79.7	80.0
GE 3500	73.2	74.6	75.8	76.2	77.8	78.2	79.0	79.4	79.4	80.8	81.0	81.0	81.4	81.4	82.0	82.4
GE 3000	75.3	76.7	78.5	78.9	80.5	81.0	81.8	82.4	82.4	83.8	84.0	84.0	84.4	84.4	85.1	85.4
GE 2500	76.3	78.0	80.3	80.7	82.8	83.4	84.6	85.4	85.4	86.9	87.2	87.2	87.8	87.8	88.4	88.7
GE 2000	77.5	79.8	82.1	82.7	84.8	85.6	87.0	88.0	88.0	89.5	89.8	90.0	90.6	90.6	91.2	91.6
GE 1800	77.8	80.1	82.5	83.0	85.3	86.0	87.4	88.4	88.4	89.9	90.4	90.6	91.1	91.1	91.8	92.1
GE 1500	78.6	80.8	83.2	83.8	86.5	87.2	88.7	89.8	89.8	91.5	91.9	92.1	92.6	92.6	93.3	93.6
GE 1200	79.1	81.4	83.8	84.3	87.0	87.8	89.4	90.5	90.5	92.1	92.5	92.7	93.3	93.3	93.9	94.3
GE 1000	79.8	82.0	84.5	85.1	87.8	88.5	90.3	91.6	91.6	93.5	93.9	94.3	94.8	94.8	95.5	95.8
GE 900	79.8	82.0	84.6	85.2	88.0	88.7	90.5	91.9	91.9	93.9	94.4	94.7	95.2	95.2	95.9	96.2
GE 800	80.2	82.5	85.1	85.7	88.5	89.3	91.0	92.4	92.4	94.6	95.0	95.3	95.9	95.9	96.5	96.9
GE 700	80.2	82.5	85.4	86.0	88.9	89.6	91.6	93.0	93.0	95.2	95.9	96.2	96.8	96.8	97.4	97.7
GE 600	80.2	82.5	85.4	86.0	88.9	89.6	91.6	93.0	93.0	95.2	96.0	96.3	96.9	96.9	97.5	97.8
GE 500	80.2	82.5	85.4	86.0	88.9	89.6	91.6	93.0	93.0	95.2	96.0	96.3	97.8	97.8	98.5	98.8
GE 400	80.2	82.5	85.4	86.0	89.0	89.8	91.8	93.2	93.2	95.6	96.3	96.6	98.2	98.2	98.8	99.1
GE 300	80.2	82.5	85.4	86.0	89.0	89.8	91.8	93.2	93.2	95.6	96.4	96.8	98.4	98.4	99.0	99.4
GE 200	80.2	82.5	85.4	86.0	89.0	89.8	91.8	93.2	93.2	95.7	96.5	96.9	98.5	98.5	99.4	99.9
GE 100	80.2	82.5	85.4	86.0	89.0	89.8	91.8	93.2	93.2	95.7	96.5	96.9	98.5	98.5	99.4	100.0
GE 000	80.2	82.5	85.4	86.0	89.0	89.8	91.8	93.2	93.2	95.7	96.5	96.9	98.5	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 924



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.8	37.9	39.1	39.3	40.5	40.5	40.8	41.3	41.3	41.7	41.7	41.7	42.0	42.1	42.7	43.2
GE 20000	40.1	41.2	42.4	42.6	43.8	43.8	44.1	44.5	44.5	45.0	45.0	45.0	45.3	45.4	45.9	46.5
GE 18000	40.5	41.6	42.8	43.0	44.2	44.2	44.5	45.0	45.0	45.4	45.4	45.4	45.7	45.8	46.4	46.9
GE 16000	40.6	41.7	42.9	43.1	44.3	44.3	44.6	45.1	45.1	45.5	45.5	45.5	45.8	45.9	46.5	47.0
GE 14000	41.8	42.9	44.1	44.3	45.5	45.5	45.8	46.3	46.3	46.7	46.7	46.7	47.0	47.1	47.7	48.2
GE 12000	45.4	46.5	47.7	47.9	49.1	49.1	49.4	49.8	49.8	50.3	50.3	50.3	50.6	50.7	51.2	51.8
GE 10000	50.8	51.9	53.1	53.3	54.5	54.5	54.8	55.3	55.3	55.7	55.7	55.7	56.0	56.1	56.7	57.2
GE 9000	54.6	55.7	56.9	57.1	58.3	58.3	58.6	59.0	59.0	59.5	59.5	59.5	59.8	59.9	60.5	61.0
GE 8000	61.2	62.4	63.6	63.8	65.3	65.3	65.7	66.1	66.1	66.5	66.5	66.5	66.8	67.0	67.5	68.0
GE 7000	63.1	64.2	65.4	65.7	67.2	67.2	67.5	67.9	67.9	68.4	68.4	68.4	68.7	68.8	69.3	69.9
GE 6000	64.9	66.1	67.3	67.5	69.0	69.0	69.3	69.8	69.8	70.2	70.2	70.2	70.5	70.6	71.2	71.7
GE 5000	67.5	68.8	70.0	70.2	72.0	72.2	72.5	72.9	72.9	73.3	73.3	73.3	73.7	73.8	74.3	74.9
GE 4500	69.0	70.4	71.7	71.9	74.0	74.1	74.5	75.0	75.0	75.4	75.4	75.4	75.7	75.8	76.4	76.9
GE 4000	69.3	70.9	72.3	72.5	74.8	75.2	75.7	76.2	76.2	76.6	76.7	76.7	77.0	77.1	77.7	78.2
GE 3500	70.1	71.8	73.3	73.6	76.3	76.7	77.4	77.8	77.8	78.2	78.3	78.3	78.7	78.8	79.3	79.8
GE 3000	71.9	73.7	75.3	75.7	78.4	78.9	79.7	80.3	80.3	80.7	80.8	80.8	81.1	81.3	81.8	82.3
GE 2500	73.5	75.7	77.8	78.4	82.1	82.8	84.1	84.7	84.7	85.2	85.3	85.3	85.6	85.7	86.2	86.8
GE 2000	75.9	78.3	80.4	81.1	85.2	85.8	87.6	88.7	88.7	89.3	89.4	89.4	89.7	89.8	90.4	90.9
GE 1800	76.4	78.8	80.8	81.6	85.6	86.2	88.2	89.3	89.3	89.9	90.0	90.0	90.4	90.5	91.0	91.5
GE 1500	76.6	79.1	81.4	82.3	86.8	87.5	89.8	91.0	91.0	91.8	91.9	91.9	92.2	92.3	92.8	93.4
GE 1200	77.0	79.5	81.9	83.1	87.6	88.4	90.7	91.9	91.9	93.0	93.1	93.3	93.6	93.7	94.3	94.8
GE 1000	78.1	80.6	83.0	84.2	88.7	89.5	91.8	93.2	93.2	94.7	94.8	95.0	95.3	95.4	96.0	96.5
GE 900	78.2	80.7	83.1	84.4	88.9	89.7	92.0	93.4	93.4	95.0	95.1	95.3	95.7	95.8	96.3	96.9
GE 800	78.8	81.3	83.6	84.9	89.6	90.4	92.6	94.1	94.1	95.9	96.1	96.3	96.6	96.7	97.3	97.8
GE 700	78.8	81.4	83.7	85.0	89.7	90.5	92.7	94.3	94.3	96.0	96.5	96.7	97.1	97.2	97.7	98.3
GE 600	78.8	81.4	83.7	85.0	89.7	90.5	92.7	94.3	94.3	96.0	96.5	96.7	97.1	97.2	97.7	98.3
GE 500	78.8	81.6	84.1	85.5	90.1	90.9	93.3	94.8	94.8	96.5	97.1	97.3	97.7	97.8	98.4	98.9
GE 400	78.8	81.6	84.1	85.6	90.2	91.0	93.5	95.0	95.0	96.9	97.4	97.6	98.0	98.2	98.7	99.2
GE 300	78.8	81.6	84.1	85.6	90.2	91.0	93.5	95.0	95.0	96.9	97.5	97.7	98.2	98.3	98.8	99.5
GE 200	78.8	81.6	84.1	85.6	90.2	91.0	93.6	95.1	95.1	97.0	97.6	97.8	98.4	98.5	99.1	100.0
GE 100	78.8	81.6	84.1	85.6	90.2	91.0	93.6	95.1	95.1	97.0	97.6	97.8	98.4	98.5	99.1	100.0
GE 000	78.8	81.6	84.1	85.6	90.2	91.0	93.6	95.1	95.1	97.0	97.6	97.8	98.4	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.2	40.1	41.1	41.7	42.7	42.7	43.1	43.5	43.7	44.2	44.3	44.3	44.5	44.5	45.2	45.5
GE 20000	43.5	44.3	45.4	46.1	47.0	47.0	47.5	47.8	48.0	48.5	48.6	48.6	48.9	48.9	49.5	49.8
GE 18000	44.0	44.9	45.9	46.6	47.6	47.6	48.0	48.3	48.5	49.1	49.2	49.2	49.4	49.4	50.1	50.4
GE 16000	44.0	44.9	45.9	46.6	47.6	47.6	48.0	48.3	48.5	49.1	49.2	49.2	49.4	49.4	50.1	50.4
GE 14000	44.3	45.2	46.3	46.9	47.9	47.9	48.3	48.6	48.9	49.4	49.5	49.5	49.7	49.7	50.4	50.7
GE 12000	47.5	48.3	49.4	50.1	51.0	51.0	51.5	51.8	52.0	52.5	52.6	52.6	52.9	52.9	53.5	53.8
GE 10000	53.2	54.1	55.1	55.8	56.8	56.8	57.2	57.5	57.7	58.3	58.4	58.4	58.6	58.6	59.2	59.6
GE 9000	56.5	57.4	58.5	59.1	60.1	60.1	60.5	60.9	61.1	61.6	61.7	61.7	61.9	61.9	62.6	62.9
GE 8000	62.8	63.7	64.8	65.4	66.4	66.4	66.8	67.1	67.4	67.9	68.0	68.0	68.2	68.2	68.9	69.2
GE 7000	63.9	64.9	65.9	66.6	67.6	67.6	68.0	68.3	68.5	69.1	69.2	69.2	69.4	69.4	70.1	70.4
GE 6000	65.1	66.2	67.4	68.0	69.0	69.0	69.4	69.7	69.9	70.5	70.6	70.6	70.8	70.8	71.5	71.8
GE 5000	66.7	67.9	69.3	69.9	70.9	70.9	71.4	71.7	71.9	72.4	72.5	72.5	72.8	72.8	73.4	73.7
GE 4500	68.3	69.7	71.2	71.9	72.9	73.0	73.4	73.7	73.9	74.5	74.6	74.6	74.8	74.8	75.5	75.8
GE 4000	69.4	70.9	72.5	73.2	74.3	74.3	74.4	74.8	75.1	75.4	75.9	76.0	76.2	76.2	76.9	77.2
GE 3500	70.2	71.9	73.8	74.5	75.9	76.0	76.6	77.0	77.2	77.7	77.8	77.8	78.1	78.1	78.7	79.0
GE 3000	72.5	75.1	77.3	78.5	80.2	80.3	81.0	81.3	81.5	82.1	82.2	82.2	82.4	82.4	83.0	83.4
GE 2500	74.2	77.2	79.9	81.3	83.4	83.7	85.1	85.5	85.7	86.5	86.6	86.6	86.8	86.8	87.5	87.8
GE 2000	75.0	78.2	81.2	82.8	85.0	85.6	87.7	88.4	88.6	89.7	89.8	89.9	90.2	90.2	90.8	91.1
GE 1800	75.8	79.0	82.2	83.9	86.1	86.7	88.9	89.6	89.8	91.0	91.1	91.2	91.5	91.5	92.1	92.4
GE 1500	76.5	79.8	82.9	84.8	87.1	87.8	89.9	91.0	91.2	92.8	92.9	93.0	93.2	93.2	93.8	94.2
GE 1200	77.1	80.3	83.6	85.4	88.1	88.8	91.1	92.3	92.5	94.2	94.4	94.5	94.7	94.7	95.4	95.7
GE 1000	77.3	80.5	84.0	86.1	88.8	89.4	91.8	93.1	93.3	95.2	95.5	95.6	95.8	95.8	96.4	96.8
GE 900	77.4	80.6	84.1	86.2	88.9	89.5	91.9	93.3	93.5	95.6	95.8	95.9	96.1	96.1	96.8	97.1
GE 800	77.5	80.8	84.2	86.3	89.0	89.6	92.0	93.4	93.6	95.8	96.0	96.1	96.3	96.3	97.0	97.3
GE 700	77.7	81.0	84.4	86.5	89.2	89.8	92.2	93.6	93.8	96.1	96.5	96.6	96.9	96.9	97.5	97.8
GE 600	77.7	81.0	84.4	86.5	89.2	89.8	92.2	93.6	93.8	96.2	96.6	96.8	97.0	97.0	97.6	97.9
GE 500	77.7	81.0	84.4	86.5	89.2	89.8	92.2	93.6	93.8	96.3	96.9	97.0	97.2	97.2	97.8	98.2
GE 400	77.7	81.1	84.5	86.6	89.3	89.9	92.3	93.7	93.9	96.5	97.1	97.2	97.4	97.4	98.1	98.4
GE 300	77.7	81.2	84.8	86.8	89.5	90.2	92.5	93.9	94.2	97.0	97.5	97.6	97.8	97.8	98.6	98.9
GE 200	77.7	81.2	85.0	87.2	89.9	90.6	93.0	94.4	94.6	97.4	98.1	98.2	98.4	98.5	99.4	99.7
GE 100	77.7	81.2	85.0	87.2	89.9	90.6	93.0	94.4	94.6	97.4	98.1	98.2	98.4	98.7	99.6	100.0
GE 000	77.7	81.2	85.0	87.2	89.9	90.6	93.0	94.4	94.6	97.4	98.1	98.2	98.4	98.7	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.2	39.0	39.8	40.0	40.7	40.7	41.2	41.4	41.4	42.0	42.2	42.2	42.6	42.7	43.1	43.5
GE 20000	41.6	42.4	43.2	43.5	44.1	44.1	44.6	44.8	44.8	45.4	45.6	45.6	46.0	46.1	46.5	46.9
GE 18000	42.0	42.8	43.6	43.8	44.4	44.5	45.0	45.2	45.2	45.7	46.0	46.0	46.4	46.5	46.8	47.3
GE 16000	42.4	43.3	44.0	44.3	44.9	44.9	45.4	45.6	45.6	46.2	46.4	46.4	46.8	46.9	47.3	47.7
GE 14000	44.0	44.8	45.6	45.8	46.4	46.5	47.0	47.2	47.2	47.8	48.0	48.0	48.4	48.5	48.9	49.3
GE 12000	48.0	48.8	49.6	49.9	50.5	50.5	51.0	51.2	51.2	51.8	52.0	52.0	52.5	52.5	52.9	53.3
GE 10000	53.6	54.4	55.2	55.5	56.1	56.1	56.7	56.8	56.9	57.4	57.6	57.7	58.1	58.2	58.5	58.9
GE 9000	57.0	57.9	58.7	58.9	59.6	59.6	60.1	60.3	60.3	60.9	61.1	61.1	61.6	61.6	62.0	62.4
GE 8000	62.6	63.6	64.4	64.7	65.4	65.4	66.0	66.2	66.2	66.7	67.0	67.0	67.4	67.5	67.8	68.2
GE 7000	64.5	65.5	66.4	66.6	67.4	67.4	68.0	68.2	68.2	68.7	69.0	69.0	69.4	69.5	69.9	70.3
GE 6000	65.9	67.0	67.8	68.1	68.9	68.9	69.5	69.7	69.7	70.2	70.4	70.5	70.9	71.0	71.3	71.7
GE 5000	68.5	69.6	70.5	70.9	71.8	71.8	72.4	72.5	72.6	73.1	73.4	73.4	73.8	73.9	74.2	74.7
GE 4500	70.3	71.5	72.6	72.9	73.9	74.0	74.7	74.8	74.9	75.5	75.7	75.7	76.2	76.2	76.6	77.0
GE 4000	71.6	73.0	74.2	74.7	75.8	76.0	76.7	76.9	76.9	77.6	77.8	77.9	78.3	78.4	78.7	79.1
GE 3500	72.9	74.5	75.9	76.3	77.6	77.8	78.7	78.9	78.9	79.6	79.8	79.9	80.3	80.4	80.7	81.2
GE 3000	74.7	76.5	78.2	78.8	80.3	80.5	81.5	81.7	81.8	82.5	82.8	82.8	83.2	83.3	83.7	84.1
GE 2500	76.1	78.3	80.3	81.1	83.0	83.4	84.6	85.0	85.1	85.9	86.1	86.2	86.6	86.7	87.1	87.5
GE 2000	77.3	79.7	81.9	82.7	84.8	85.3	86.9	87.5	87.5	88.4	88.7	88.8	89.2	89.3	89.7	90.1
GE 1800	78.0	80.4	82.7	83.6	85.7	86.2	87.8	88.4	88.4	89.4	89.7	89.7	90.2	90.3	90.6	91.0
GE 1500	79.0	81.5	84.0	85.0	87.3	87.9	89.7	90.5	90.5	91.5	91.8	91.9	92.4	92.5	92.8	93.2
GE 1200	79.9	82.4	85.0	86.1	88.6	89.2	91.0	91.9	91.9	93.0	93.3	93.4	93.9	94.0	94.4	94.8
GE 1000	80.5	83.0	85.7	86.8	89.3	89.9	91.9	92.9	92.9	94.2	94.5	94.6	95.1	95.2	95.6	96.0
GE 900	80.6	83.2	85.9	87.0	89.5	90.1	92.1	93.1	93.2	94.5	94.9	95.0	95.5	95.6	95.9	96.3
GE 800	80.9	83.5	86.2	87.3	89.9	90.6	92.6	93.6	93.6	95.0	95.5	95.6	96.1	96.2	96.5	96.9
GE 700	81.0	83.7	86.4	87.5	90.1	90.7	92.8	93.8	93.9	95.4	96.0	96.1	96.6	96.6	97.0	97.4
GE 600	81.1	83.7	86.5	87.6	90.3	90.9	93.0	94.2	94.2	95.8	96.4	96.6	97.1	97.1	97.5	97.9
GE 500	81.2	83.9	86.6	87.8	90.5	91.1	93.2	94.4	94.5	96.1	96.8	97.0	97.7	97.8	98.2	98.6
GE 400	81.3	83.9	86.7	87.9	90.6	91.3	93.4	94.6	94.7	96.4	97.1	97.3	98.0	98.1	98.5	98.9
GE 300	81.3	84.0	86.8	88.0	90.7	91.4	93.5	94.8	94.8	96.6	97.4	97.6	98.4	98.5	98.9	99.3
GE 200	81.4	84.0	86.9	88.1	90.8	91.5	93.6	94.9	94.9	96.7	97.5	97.8	98.6	98.7	99.3	99.8
GE 100	81.4	84.0	86.9	88.1	90.8	91.5	93.6	94.9	94.9	96.7	97.6	97.8	98.6	98.8	99.4	100.0
GE 000	81.4	84.0	86.9	88.1	90.8	91.5	93.6	94.9	94.9	96.7	97.6	97.8	98.6	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7401

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: /02610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.2	45.5	45.8	46.0	46.2	46.3	46.5	46.6	46.6	46.9	47.0	47.0	47.3	47.4	47.6	47.9
GE 20000	48.8	49.1	49.4	49.6	49.8	49.9	50.1	50.2	50.2	50.5	50.6	50.6	50.9	51.0	51.2	51.5
GE 18000	49.2	49.5	49.9	50.0	50.3	50.3	50.6	50.6	50.6	50.9	51.0	51.0	51.4	51.4	51.7	51.9
GE 16000	49.5	49.9	50.2	50.4	50.6	50.7	50.9	51.0	51.0	51.2	51.3	51.4	51.7	51.7	52.0	52.3
GE 14000	50.8	51.1	51.4	51.6	51.9	51.9	52.1	52.2	52.2	52.5	52.6	52.6	52.9	53.0	53.2	53.5
GE 12000	53.9	54.3	54.6	54.8	55.1	55.1	55.3	55.4	55.4	55.7	55.8	55.8	56.2	56.2	56.5	56.8
GE 10000	58.1	58.5	58.9	59.0	59.3	59.4	59.6	59.7	59.7	60.0	60.1	60.1	60.5	60.5	60.8	61.0
GE 9000	61.5	61.9	62.3	62.5	62.8	62.8	63.1	63.2	63.2	63.5	63.6	63.6	63.9	64.0	64.2	64.5
GE 8000	66.3	66.7	67.1	67.3	67.7	67.7	68.0	68.1	68.1	68.4	68.5	68.5	68.9	68.9	69.2	69.5
GE 7000	69.1	69.6	70.0	70.2	70.6	70.7	70.9	71.0	71.0	71.3	71.4	71.5	71.8	71.9	72.1	72.4
GE 6000	71.7	72.2	72.7	72.9	73.3	73.3	73.6	73.7	73.7	74.0	74.1	74.2	74.5	74.6	74.8	75.1
GE 5000	75.8	76.4	76.9	77.1	77.5	77.6	77.9	78.0	78.0	78.3	78.4	78.5	78.8	78.9	79.1	79.4
GE 4500	78.3	79.0	79.6	79.8	80.3	80.4	80.7	80.8	80.8	81.1	81.2	81.3	81.6	81.7	81.9	82.2
GE 4000	80.0	80.7	81.4	81.6	82.1	82.2	82.6	82.7	82.7	83.0	83.2	83.2	83.5	83.6	83.8	84.2
GE 3500	82.2	83.1	83.8	84.1	84.7	84.8	85.2	85.3	85.4	85.7	85.8	85.9	86.2	86.3	86.5	86.8
GE 3000	84.1	85.1	85.9	86.3	87.0	87.1	87.5	87.7	87.7	88.1	88.2	88.2	88.6	88.6	88.9	89.2
GE 2500	85.6	86.8	87.8	88.2	89.0	89.2	89.8	90.0	90.0	90.4	90.5	90.6	90.9	91.0	91.2	91.5
GE 2000	86.8	88.1	89.2	89.7	90.6	90.9	91.6	91.8	91.9	92.3	92.4	92.5	92.8	92.9	93.2	93.5
GE 1800	87.2	88.5	89.7	90.2	91.1	91.4	92.1	92.4	92.4	92.8	93.0	93.0	93.4	93.4	93.7	94.0
GE 1500	88.0	89.5	90.7	91.3	92.3	92.6	93.4	93.8	93.8	94.3	94.5	94.5	94.9	95.0	95.2	95.5
GE 1200	88.8	90.3	91.6	92.2	93.4	93.7	94.6	95.0	95.0	95.6	95.8	95.8	96.2	96.2	96.5	96.8
GE 1000	89.2	90.7	92.0	92.7	93.8	94.2	95.1	95.5	95.5	96.2	96.4	96.4	96.8	96.9	97.1	97.4
GE 900	89.3	90.8	92.2	92.8	94.0	94.3	95.3	95.7	95.7	96.4	96.6	96.6	97.0	97.1	97.3	97.7
GE 800	89.5	91.0	92.4	93.0	94.3	94.6	95.5	96.0	96.0	96.7	96.9	97.0	97.4	97.4	97.7	98.0
GE 700	89.6	91.1	92.5	93.2	94.4	94.7	95.7	96.1	96.2	96.9	97.2	97.2	97.6	97.7	97.9	98.2
GE 600	89.7	91.3	92.7	93.4	94.6	94.9	95.9	96.4	96.4	97.2	97.4	97.5	97.9	98.0	98.2	98.5
GE 500	89.8	91.5	92.9	93.6	94.8	95.2	96.2	96.7	96.7	97.5	97.8	97.8	98.3	98.4	98.6	99.0
GE 400	89.9	91.6	93.1	93.8	95.1	95.4	96.5	96.9	97.0	97.8	98.1	98.2	98.7	98.7	99.0	99.3
GE 300	90.0	91.7	93.2	93.9	95.2	95.6	96.7	97.2	97.2	98.1	98.4	98.5	99.0	99.1	99.3	99.7
GE 200	90.0	91.7	93.2	93.9	95.3	95.6	96.7	97.3	97.3	98.2	98.5	98.6	99.2	99.2	99.5	99.9
GE 100	90.0	91.7	93.2	93.9	95.3	95.6	96.8	97.3	97.3	98.2	98.5	98.6	99.2	99.3	99.6	100.0
GE 000	90.0	91.7	93.2	93.9	95.3	95.6	96.8	97.3	97.3	98.2	98.5	98.6	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 87030

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	34.8	14.7	13.3	35.8	1.3	50.4	9.0	930
03-05	34.3	13.9	10.9	39.1	1.8	51.8	9.0	921
06-08	29.7	14.4	13.6	40.6	1.7	55.9	9.3	929
09-11	25.6	14.1	13.7	43.7	2.0	59.3	12.7	907
12-14	21.5	11.8	16.5	47.9	2.3	66.7	11.9	926
15-17	24.2	14.0	15.1	44.6	2.2	61.9	11.8	915
18-20	26.5	15.0	17.4	39.7	1.3	58.4	10.4	924
21-23	34.2	14.9	15.2	34.9	.9	50.9	8.7	915
ALL HOURS	29.0	14.1	14.5	40.8	1.7	56.9	10.3	7367

MONTH: FEB HOURS: ALL

00-02	37.0	15.2	11.3	35.0	1.4	47.8	6.1	846
03-05	37.5	12.7	9.5	39.0	1.3	49.8	7.3	834
06-08	32.1	13.7	15.5	37.4	1.3	54.2	10.1	845
09-11	27.1	14.4	11.9	45.0	1.6	58.5	12.8	826
12-14	24.3	15.2	11.9	46.0	2.6	60.5	6.7	840
15-17	24.5	17.5	13.5	41.5	3.0	58.0	1.6	834
18-20	25.4	17.8	15.9	39.0	1.8	56.7	1.7	841
21-23	32.6	17.3	16.0	32.1	2.0	50.1	1.8	840
ALL HOURS	30.1	15.5	13.2	39.4	1.9	54.4	6.0	6706

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	42.6	18.3	11.3	26.8	1.0	39.1	.4	929
03-05	41.6	15.6	13.6	28.8	.4	42.8	1.2	913
06-08	33.0	16.2	15.5	34.6	.8	50.9	1.0	922
09-11	32.8	16.4	15.9	33.7	1.2	50.8	1.6	897
12-14	30.8	19.5	17.3	31.2	1.2	49.7	.9	918
15-17	30.7	19.5	16.7	31.6	1.4	49.8	.3	902
18-20	31.1	18.5	15.6	34.2	.7	50.4	.4	919
21-23	38.1	17.3	14.2	29.6	.8	44.6	.1	918
ALL HOURS	35.1	17.7	15.0	31.3	.9	47.2	.7	7318

MONTH: APR HOURS: ALL

00-02	30.8	22.2	15.5	29.7	1.8	47.0	.3	896
03-05	26.3	21.2	16.6	34.6	1.4	52.6	.9	879
06-08	18.9	20.4	17.7	42.1	.9	60.7	1.5	893
09-11	20.2	19.4	15.7	43.9	.8	60.4	.9	877
12-14	20.0	18.0	17.7	43.4	.9	62.0	.6	892
15-17	19.0	15.0	21.6	43.8	.6	66.0	.2	873
18-20	16.6	17.5	18.0	47.3	.7	66.0	.1	893
21-23	21.3	21.0	15.5	41.0	1.2	57.7		886
ALL HOURS	21.6	19.3	17.3	40.7	1.0	59.0	.6	7089

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	18.6	25.2	17.5	38.5	.1	56.2		924
03-05	17.3	23.4	16.0	43.0	.2	59.3	.2	906
06-08	15.0	20.7	18.8	45.1	.3	64.3	.5	913
09-11	13.6	26.1	17.5	42.8		60.3	.7	904
12-14	6.4	27.6	23.7	42.2		65.9	.3	919
15-17	4.2	22.6	25.4	47.8		73.2	.3	904
18-20	6.4	22.9	22.0	48.8		70.7	.3	923
21-23	12.1	22.6	19.9	45.3		65.2		914
ALL HOURS	11.7	23.9	20.1	44.2	.1	64.4	.3	7307

MONTH: JUN HOURS: ALL

00-02	9.3	25.1	23.8	41.8		65.7	.6	894
03-05	10.7	22.6	22.7	43.8	.3	66.8	1.4	882
06-08	10.4	20.2	22.7	46.7	.1	69.4	.8	883
09-11	11.4	19.6	24.6	44.4		69.0	.3	874
12-14	3.6	27.3	26.0	43.1		69.2	.3	895
15-17	2.6	27.0	28.2	42.1		70.4	.3	878
18-20	3.9	26.7	25.7	43.8		69.4	.2	896
21-23	7.8	23.3	24.7	44.2		68.9	.2	880
ALL HOURS	7.5	24.0	24.8	43.7	.1	68.6	.5	7082

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	5.3	24.4	23.9	46.2	.2	70.3	2.6	925
03-05	7.6	20.9	21.2	50.1	.2	71.5	3.4	912
06-08	9.2	16.3	17.2	56.9	.3	74.4	3.6	919
09-11	10.6	16.4	21.7	51.4		73.0	2.2	909
12-14	5.5	22.4	24.5	47.6		72.1	3.6	920
15-17	3.1	23.1	29.1	44.7		73.8	2.3	916
18-20	4.0	20.9	30.2	44.9		75.1	1.3	929
21-23	4.7	21.7	24.8	48.7		73.5	1.9	907
ALL HOURS	6.2	20.8	24.1	48.8	.1	73.0	2.6	7337

MONTH: AUG HOURS: ALL

00-02	15.3	15.4	15.4	54.0		69.3	.1	923
03-05	12.7	14.2	15.6	56.7	.8	73.1	1.2	914
06-08	9.4	11.9	16.4	60.4	1.9	78.7	2.5	926
09-11	9.3	11.4	17.3	61.4	.7	79.4	1.0	906
12-14	5.8	15.5	20.2	58.5		78.7	.7	920
15-17	5.1	16.4	24.1	54.5		78.5	.3	909
18-20	6.8	15.0	28.5	49.7		78.2	.3	922
21-23	10.0	18.8	20.2	51.0		71.2	.4	910
ALL HOURS	9.3	14.8	19.7	55.7	.4	75.9	.8	7330



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	17.2	15.5	16.3	50.7	.3	67.3	.2	897
03-05	14.1	14.5	17.1	53.1	1.2	71.4	.3	884
06-08	7.4	13.0	14.9	63.6	1.1	79.6	2.0	893
09-11	7.5	11.8	18.0	61.9	.8	80.7	.9	876
12-14	6.2	14.3	21.0	58.3	.2	79.5	.3	892
15-17	6.6	13.3	20.3	59.4	.3	80.1	.5	880
18-20	6.7	11.4	19.6	62.0	.2	81.8	.8	891
21-23	12.0	15.6	16.3	56.0	.2	72.5	.8	886
ALL HOURS	9.7	13.7	17.9	58.1	.6	76.6	.7	7099

MONTH: OCT HOURS: ALL

00-02	17.5	11.1	14.2	54.4	2.8	71.4	1.6	929
03-05	18.2	11.1	12.7	55.1	2.8	70.6	2.4	916
06-08	13.4	8.6	12.3	63.8	1.8	78.0	3.5	926
09-11	11.3	9.2	11.6	65.4	2.4	79.5	5.8	902
12-14	13.2	9.6	12.2	62.7	2.3	77.2	3.8	924
15-17	14.3	10.2	13.5	60.1	2.0	75.6	3.0	904
18-20	14.0	11.1	12.1	59.9	2.9	74.9	1.3	921
21-23	17.6	10.9	12.1	57.0	2.4	71.5	1.2	923
ALL HOURS	14.9	10.2	12.6	59.8	2.4	74.8	2.8	7345

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	28.8	15.9	11.4	41.8	2.1	55.3	2.9	900
03-05	30.4	13.3	10.1	43.6	2.6	56.4	1.9	889
06-08	27.7	15.8	8.6	44.8	3.1	56.5	2.4	898
09-11	23.1	12.6	12.8	48.4	3.1	64.2	5.6	878
12-14	18.5	14.3	15.2	48.1	3.8	67.2	6.5	892
15-17	20.4	14.9	12.5	47.7	4.6	64.7	5.5	879
18-20	23.0	15.2	11.7	46.5	3.6	61.8	3.5	892
21-23	26.4	14.5	12.0	44.1	3.0	59.1	3.2	887
ALL HOURS	24.8	14.6	11.8	45.6	3.2	60.6	3.9	7115

MONTH: DEC HOURS: ALL

00-02	25.6	14.9	11.9	44.7	2.9	59.5	3.6	928
03-05	26.4	11.4	12.3	47.8	2.2	62.3	4.6	914
06-08	23.0	15.0	13.1	45.7	3.2	62.0	4.1	927
09-11	20.9	11.6	14.9	48.8	3.8	67.5	4.2	904
12-14	15.8	11.3	14.4	54.9	3.7	72.9	4.5	926
15-17	14.5	15.4	14.0	51.9	4.1	70.0	5.8	894
18-20	18.5	16.1	16.2	45.2	3.9	65.4	4.9	924
21-23	22.1	15.6	14.6	43.9	3.9	62.4	4.6	919
ALL HOURS	20.9	13.9	13.9	47.8	3.5	65.2	4.5	7336

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	23.5	18.2	15.5	41.7	1.2	58.3	2.3	10921
03-05	23.0	16.2	14.9	44.6	1.3	60.7	2.8	10764
06-08	19.1	15.5	15.5	48.5	1.4	65.4	3.4	10874
09-11	17.8	15.2	16.3	49.3	1.4	66.9	4.0	10660
12-14	14.2	17.2	18.4	48.7	1.4	68.5	3.3	10864
15-17	14.0	17.4	19.6	47.5	1.5	68.6	2.7	10688
18-20	15.2	17.3	19.5	46.8	1.3	67.5	2.1	10875
21-23	19.9	17.8	17.1	44.0	1.2	62.3	1.9	10785
ALL HOURS	18.4	16.9	17.1	46.4	1.3	64.8	2.8	86431



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

E - 1 - 1

## PART E

### TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

#### TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA AND GIVE CUMULATIVE POF FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES, RESPECTIVELY. DATA IS SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5, GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM AND MINIMUM TEMPERATURES CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED DATA COLLECTION FROM ALL USAF-OPERATED STATIONS. REFER TO THE "STATION HISTORY" PAGE FOR DETAILED INFORMATION ON REPORTING PRACTICES.

#### MONTHLY TEMPERATURES.

ALSO FROM SUMMARY OF DAY DATA, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMPERATURES BY MONTH AND BY YEAR. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN, ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### MEAN MONTHLY TEMPERATURE.

ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY MEAN TEMPERATURE BY MONTH, FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERISK (\*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

#### DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND AWSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, DEW POINT TEMPERATURES ARE NOT REPORTED (FMH-1B). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS:  $F = 1.8C + 32$

$C = K - 273.0$  (BEFORE 5 APRIL 77)

$C = K - 273.2$  (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95						.1							.0
GE 90						.6	.7	.1					.1
GE 85					.2	3.5	5.8	.8					.9
GE 80					.9	13.7	16.9	5.4	.2				3.1
GE 75					3.0	29.1	40.2	15.9	.4				7.5
GE 70				.2	11.6	54.2	63.3	35.3	3.9				14.2
GE 65				1.1	28.9	74.9	81.5	59.3	12.3	.2			21.7
GE 60				3.9	52.2	91.3	93.6	79.8	32.2	.8			29.7
GE 55				9.5	73.1	97.9	98.9	92.8	53.1	2.6			36.0
GE 50	.1		.5	22.5	86.5	99.8	100.0	98.2	70.9	6.6			40.7
GE 45	.3	.2	4.1	40.8	94.3	100.0		99.9	83.7	14.2	.5		45.1
GE 40	1.0	1.5	14.5	58.3	98.5			100.0	93.9	26.4	2.0	.9	50.0
GE 35	2.5	5.1	26.3	73.2	99.3				98.4	43.0	5.0	2.6	54.9
GE 33	3.5	6.7	31.1	78.5	99.6				99.5	50.1	7.1	4.0	56.9
GE 30	5.3	10.7	39.6	85.2	99.7				99.8	61.9	10.5	5.9	60.1
GE 25	9.4	17.5	51.7	92.6	99.8				100.0	76.6	19.6	9.8	65.0
GE 20	15.4	25.5	64.7	96.6	99.8					86.7	31.6	16.1	69.9
GE 15	22.5	34.8	75.2	98.7	100.0					93.8	44.7	24.8	74.7
GE 10	31.3	45.3	83.4	99.7						96.3	58.4	35.0	79.3
GE 5	40.6	55.7	89.2	99.9						98.4	70.7	46.4	83.5
GE 0	52.8	67.8	94.2	100.0						99.4	79.5	55.7	87.5
GE -5	61.8	75.3	96.7							99.8	85.1	65.8	90.4
GE -10	69.7	82.5	98.7							99.9	89.5	72.5	92.8
GE -15	75.3	88.3	99.5							100.0	93.3	80.7	94.8
GE -20	80.2	93.4	99.9								97.1	85.5	96.3
GE -25	84.6	96.9	100.0								99.1	89.2	97.5
GE -30	88.7	98.5									99.8	92.8	98.3
GE -35	93.2	99.9									100.0	95.1	99.0
GE -40	96.0	100.0										97.4	99.4
GE -45	98.5											99.0	99.8
GE -50	99.6											99.7	99.9
GE -55	100.0											100.0	100.0
MEAN	-1.7	6.9	23.8	41.0	59.4	70.2	72.0	66.4	54.4	32.3	11.3	.7	36.6
SD	20.56	17.30	14.24	10.98	8.92	7.98	7.92	8.04	9.14	11.75	15.29	19.29	29.91
TOTAL OBS	1302	1186	1302	1260	1302	1260	1333	1333	1290	1332	1290	1333	15523



OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 65						.5	.6						.1
GE 60					.1	2.7	4.7	.5					.7
GE 55					.5	16.0	26.1	7.8					4.3
GE 50					3.1	45.8	67.1	32.9	.9				12.7
GE 45				.1	15.4	77.2	92.7	65.9	8.6	.2			21.9
GE 40				.6	37.9	93.8	99.2	86.0	29.1	.6			29.2
GE 35				4.0	67.6	99.4	99.9	96.1	56.9	3.1	.1		35.9
GE 33	.1		.3	9.0	77.6	99.8	100.0	97.8	67.0	6.8	.1		38.5
GE 30	.2		1.4	21.5	90.7	100.0		99.5	83.6	16.1	.5	.1	43.1
GE 25	.5	.6	3.8	42.3	97.6			99.9	94.8	35.3	1.5	.3	48.4
GE 20	1.6	1.9	7.6	58.7	98.8			100.0	98.5	52.6	4.0	1.7	52.5
GE 15	3.1	4.5	15.0	71.7	99.5				99.5	65.5	9.5	4.1	56.4
GE 10	6.9	8.5	22.7	81.4	99.8				100.0	76.7	18.8	7.4	60.5
GE 5	11.2	14.6	35.0	87.8	99.9					84.2	29.0	12.2	64.8
GE 0	17.2	21.0	47.5	91.3	99.9					89.9	41.6	21.2	69.4
GE -5	25.6	30.8	61.1	94.4	100.0					94.4	54.1	29.1	74.4
GE -10	33.4	40.8	72.3	97.6						96.8	66.4	39.0	79.1
GE -15	44.5	51.0	79.0	99.2						98.6	74.4	51.0	83.3
GE -20	55.0	61.3	83.6	99.7						99.7	80.9	61.0	86.9
GE -25	62.1	69.6	88.7	100.0						99.9	86.9	71.0	90.0
GE -30	69.5	77.8	93.2							100.0	92.2	78.8	92.7
GE -35	76.4	84.6	97.1								97.8	83.6	95.0
GE -40	83.8	90.3	99.2								99.3	90.0	96.9
GE -45	90.4	96.4	99.8								99.9	94.7	98.4
GE -50	95.6	99.3	100.0								100.0	98.0	99.4
GE -55	98.7	99.9										99.5	99.8
GE -60	99.9	100.0										99.8	100.0
GE -65	100.0											100.0	100.0
MEAN	-19.3	-15.4	-2.7	19.5	37.5	48.8	51.5	46.4	35.5	17.6	-5.1	-15.9	16.7
SD	19.03	17.66	16.26	12.19	6.74	5.70	4.85	6.16	6.73	12.50	15.55	17.58	29.04
TOTAL OBS	1302	1186	1302	1260	1302	1260	1333	1333	1290	1332	1290	1333	15523

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 80							.1						.0
GE 75						1.0	.8	.1					.2
GE 70					.3	5.6	9.2	1.1					1.4
GE 65					1.4	21.7	32.6	9.1	.1				5.5
GE 60					5.1	50.6	67.8	33.2	1.5				13.3
GE 55				.2	20.2	80.1	91.0	65.0	7.8	.2			22.3
GE 50				1.4	45.5	95.8	99.1	87.9	28.0	.5			30.1
GE 45				6.9	74.7	99.7	99.9	97.1	58.1	2.1			36.8
GE 40	.1		.3	21.4	89.9	100.0	100.0	99.5	79.2	7.3	.2		41.8
GE 35	.2	.1	2.6	41.3	97.3			100.0	91.6	21.5	.9	.3	46.6
GE 33	.3	.2	4.8	48.7	98.2				95.2	29.4	1.6	.5	48.5
GE 30	.9	1.3	9.0	59.6	98.8				98.6	39.9	2.4	.8	51.2
GE 25	2.4	4.6	17.9	74.6	99.6				99.5	57.4	6.0	2.6	55.7
GE 20	5.5	9.1	29.9	83.7	99.8				100.0	72.4	13.1	5.3	60.2
GE 15	10.7	15.4	43.8	89.8	99.8					83.0	24.0	11.0	65.1
GE 10	15.9	22.6	57.9	94.7	99.9					89.3	30.7	18.2	69.9
GE 5	23.9	32.6	69.5	97.7	100.0					94.0	51.4	27.2	74.9
GE 0	31.9	42.7	78.1	99.5						97.0	62.2	35.9	79.1
GE -5	41.8	52.9	84.5	99.8						98.6	73.4	47.6	83.4
GE -10	53.4	64.6	89.9	100.0						99.6	80.5	59.4	87.4
GE -15	62.5	72.4	93.9							99.8	86.1	68.9	90.4
GE -20	69.1	80.7	96.7							100.0	90.9	75.5	92.8
GE -25	75.6	86.8	99.2								95.7	82.7	95.0
GE -30	80.9	92.5	99.8								98.7	87.1	96.6
GE -35	86.8	96.7	99.9								99.8	91.9	97.9
GE -40	92.8	99.1	100.0								99.9	95.2	98.9
GE -45	95.9	100.0									100.0	97.4	99.4
GE -50	98.8											99.3	99.8
GE -55	99.8											99.8	100.0
GE -60	100.0											100.0	100.0
MEAN	-10.6	-4.3	10.7	30.5	48.7	59.7	62.0	56.6	45.2	25.2	3.1	-7.7	26.8
SD	19.57	17.21	14.70	10.97	7.24	6.12	5.48	6.02	7.09	11.63	15.20	18.16	29.34
TOTAL OBS	1302	1186	1302	1260	1302	1260	1333	1333	1290	1332	1290	1333	15523

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
48							83	76	67	52	48	19	83*
49	28	29	50	56	76	77	85	84	74	47	47	22	85
50	33	20	45	56	73	87	86	85	72	63	32	28	87
51	11	40	51	61	77	81	90	85	72	41	47	32	90
52	24	37	44	55	69	83	84	79	66	58	45	33	84
53	19	39	41	69	76	85	89	78	65	57	26	21	89
54	20	39	46	51	76	83	82	81	67	53	43	27	83
55	37	22	44	50	69	77	93	78	63	51	15	31	93
56	19	22	42	61	70	80	86	78	66	37	44	10	86
57	35	38	46	53	74	89	88	83	84	50	35	29	89
58	34	28	41	69	84	92	90	80	64	43	34	20	92
59	18	30	42	53	74	86	80	82	62	49	34	21	86
60	36	31	43	74	89	78	89	82	64	48	38	42	89
61	47	21	48	60	71	79	85	74	74	53	42	25	85
62	37	36	49	52	70	86	86	87	63	53	42	28	87
63	35	39	40	58	84	72	84	81	80	55	19	36	84
64	15	37	37	46	81	79	82	79	70	57	39	8	82
65	38	20	48	56	73	79	80	75	76	45	34	26	80
66	5	24	45	54	63	83	83	85	72	61	32	19	85
67	13	28	39	60	70	91	88	83	71	47	42	42	91
68	32	42	44	52	70	81	89	84	68	50	33	36	89
69	13	41	48	63	77	96	79	76	72	65	37	42	96
70	33	43	51	60	74	79	87	80	65	44	46	38	87
71	27	29	37	55	68	89	79	74	66	56	26	28	89
72	27	22	41	46	70	88	86	78	70	52	27	30	88
73	33	35	48	65	72	80	84	80	74	45	24	36	84
74	21	13	45	61	78	83	81	83	71	43	34	10	83
75	34	42	46	59	80	86	94	82	65	57	30	25	94
76	31	39	37	69	71	81	86	90	65	51	45	37	90
77	46	41	38	61	77	78	90	87	68	53	14	22	90
78	26	41	41	64	73	74	86	82	72	45	33	30	86
79	25	11	41	73	73	77	82	81	73	64	42	30	82
80	43	45	48	60	73	78	81	85	66	59	31	33	85

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	50	43	50	58	76	81	77	84	72	49	42	36	84
82	11	36	45	55	68	86	87	76	72	41	35	43	87
83	25	31	40	63	84	91	85	75	63	45	38	24	91
84	39	15	48	62	73	82	84	74	66	53	37	35	84
85	38	31	43	50	78	83	82	79	60	53	28	44	83
86	27	39	40	59	73	87	91	79	72	55	37	43	91
87	31	47	51	64	75	92	87	78	65	57	27	36	92
88	26	42	47	61	73	84	85	80	63	50	20	41	85
89	29	37	36	62	72	83	87	80	73	57	22	38	87
90	30	11	48	55	83	86	90	88	63	47	35	33	90

GREATEST	50	47	51	74	89	96	94	90	84	65	48	44	96
TOTAL OBS	1302	1186	1302	1260	1302	1260	1333	1333	1290	1332	1290	1333	15523

THE GREATEST VALUE OF 96 OCCURRED ON 06/15/69

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
48							41	23	16	1	-38	-43	-43*
49	-41	-46	-11	-19	17	35	34	33	23	4	-20	-46	-46
50	-31	-52	-10	-19	29	30	41	32	26	-11	-40	-31	-52
51	-54	-43	-41	9	28	33	38	40	25	-6	-21	-45	-54
52	-56	-31	-38	-15	14	35	40	31	20	2	-21	-30	-56
53	-54	-52	-33	-5	30	40	42	35	24	-17	-17	-30	-54
54	-48	-50	-25	-9	27	37	40	34	19	11	-9	-54	-54
55	-35	-45	-39	-21	27	35	44	31	20	-7	-32	-47	-47
56	-53	-50	-49	-8	30	37	40	39	12	-19	-41	-50	-53
57	-47	-47	-18	9	25	36	35	40	13	-5	-11	-45	-47
58	-30	-28	-10	10	24	37	40	34	21	-18	-35	-47	-47
59	-50	-20	-40	-8	26	34	35	33	26	-8	-23	-36	-50
60	-51	-29	-29	-12	29	33	41	35	20	3	-38	-25	-51
61	-34	-32	-38	-5	28	36	41	35	22	-13	-39	-62	-62
62	-52	-37	-36	9	17	38	41	30	27	8	-32	-41	-52
63	-50	-46	-31	-16	27	31	40	32	25	-4	-42	-27	-50
64	-42	-39	-46	-21	-1	37	37	36	24	-7	-43	-56	-56
65	-56	-49	-22	5	13	37	40	30	20	-15	-26	-49	-56
66	-52	-42	-38	1	30	46	44	39	32	-9	-34	-53	-53
67	-44	-42	-32	3	27	39	44	39	28	-2	-34	-41	-44
68	-46	-56	-23	-6	27	40	47	31	16	-4	-28	-53	-56
69	-61	-49	-31	9	30	37	38	31	21	3	-41	-25	-61
70	-39	-26	-17	0	30	37	47	38	19	-14	-32	-46	-46
71	-60	-42	-39	-11	28	39	41	39	29	9	-36	-41	-60
72	-49	-44	-38	-12	26	39	48	39	11	7	-17	-36	-49
73	-51	-35	-17	18	32	42	49	36	28	2	-33	-29	-51
74	-44	-49	-38	1	25	39	46	34	21	-3	-34	-49	-49
75	-57	-35	-14	-5	31	45	45	35	24	-27	-30	-51	-57
76	-41	-44	-14	4	31	44	45	39	23	-16	-17	-24	-44
77	-22	-14	-28	-3	30	42	44	34	29	-9	-33	-52	-52
78	-33	-28	-14	-5	31	39	46	35	28	-1	-18	-24	-33
79	-34	-51	-26	-6	27	41	45	42	24	7	-1	-38	-51
80	-50	-10	-25	14	29	38	42	33	24	7	-9	-44	-50

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	-11	-38	-1	1	28	35	42	30	22	7	-13	-40	-40
82	-43	-38	-20	-16	28	33	46	35	25	-18	-31	-29	-43
83	-50	-30	-16	10	29	42	48	35	10	-4	-14	-32	-50
84	-46	-46	-10	3	26	41	46	31	29	-12	-23	-37	-46
85	-9	-48	-28	-17	24	40	47	37	28	-21	-29	-26	-48
86	-29	-33	-35	-24	30	39	43	28	25	-6	-37	-25	-37
87	-40	-24	-31	12	30	41	45	27	21	4	-16	-30	-40
88	-32	-31	-12	-4	28	43	44	39	21	-10	-29	-35	-35
89	-51	-38	-31	-1	26	38	46	40	26	-5	-42	-42	-51
90	-45	-45	-18	16	31	43	47	39	28	0	-46	-47	-47

LEAST	-61	-56	-49	-24	-1	30	34	23	10	-27	-46	-62	-62
TOTAL OBS	1302	1186	1302	1260	1302	1260	1333	1333	1290	1332	1290	1333	15523

THE LEAST VALUE OF -62 OCCURRED ON 12/28/61

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
48							58	50	41	26	-2	-16	26*
49	-9	-9	20	24	44	52	60	56	48	28	12	-11	27
50	-1	-23	18	29	48	59	62	58	47	26	-6	-5	26
51	-23	-8	-1	35	50	57	60	58	47	22	12	-8	25
52	-20	-3	9	28	42	59	60	54	43	31	16	-3	26
53	-23	3	8	37	52	62	62	56	45	24	2	-4	27
54	-15	-17	12	27	51	59	58	57	43	31	13	-22	25
55	-3	-12	10	22	46	56	61	53	44	24	-10	-9	24
56	-21	-11	6	31	49	58	61	56	42	17	-5	-28	21
57	1	-3	18	33	49	64	61	59	44	29	15	-16	30
58	-3	1	16	35	48	63	63	57	43	15	1	-7	28
59	-20	6	-7	26	47	62	56	55	44	24	7	-10	24
60	-4	3	4	27	53	56	62	55	42	27	-1	5	28
61	-2	-5	1	25	49	59	59	56	44	21	-4	-24	23
62	-8	7	8	30	45	59	64	58	42	31	4	-7	28
63	2	0	8	25	50	54	60	55	48	27	-11	4	27
64	-16	1	-2	26	39	60	60	57	45	28	2	-27	23
65	-18	-18	25	31	43	55	60	53	48	14	4	-14	24
66	-28	-8	-2	27	46	64	63	57	50	25	1	-20	23
67	-16	-7	10	32	46	62	60	58	47	25	10	-2	27
68	-11	-5	13	29	48	60	66	59	43	22	2	-18	26
69	-27	-7	10	37	50	65	60	50	49	34	1	4	27
70	-16	8	21	32	52	58	63	57	41	19	11	-10	28
71	-32	-5	0	27	48	64	61	56	45	28	1	-6	24
72	-16	-10	-3	21	48	60	65	59	40	27	7	-2	25
73	-18	-2	12	36	51	60	62	55	48	25	-1	-4	27
74	-17	-18	8	35	52	59	64	59	52	22	1	-11	26
75	-16	-4	13	31	54	64	69	56	46	24	-8	-16	26
76	-12	-14	12	36	48	60	62	59	46	24	16	-4	28
77	10	9	5	28	49	60	63	63	46	26	-8	-15	28
78	0	4	14	35	50	55	64	60	47	24	9	3	31
79	-8	-25	12	31	50	58	62	61	47	33	20	-10	28
80	-10	16	17	36	51	57	61	54	43	33	12	-24	29

OPERATING LOCATION 'A'  
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT  
FROM SUMMARY OF DAY DATA

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: +09

PERIOD OF RECORD: 4807-9012  
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	18	5	27	32	52	59	57	54	44	30	13	-4	32
82	-18	-4	13	28	47	59	63	57	50	19	4	2	27
83	-11	3	14	38	51	63	64	54	42	24	9	-4	29
84	-6	-14	22	31	47	62	61	54	47	26	0	-3	27
85	12	-10	15	21	47	58	63	57	43	19	-5	8	28
86	-2	5	6	24	48	63	64	55	46	27	0	7	29
87	1	2	14	35	51	62	64	58	44	33	6	-3	31
88	-5	4	18	34	53	63	66	59	45	18	-3	4	30
89	-21	4	7	36	48	60	65	61	49	26	-7	5	28
90	-13	-22	19	38	55	62	66	60	45	24	-5	-6	27
MEAN	-10.6	-4.3	10.7	30.5	48.7	59.7	62.0	56.6	45.2	25.2	3.1	-7.7	26.8
TOTAL OBS	1302	1186	1302	1260	1302	1260	1333	1333	1290	1332	1290	1333	15523

NOTE: \*THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	-5.0	19.649	930	557	914	0	0	0	930
03-05	-5.5	19.811	929	548	913	0	0	0	929
06-08	-5.5	19.925	928	531	919	0	0	0	928
09-11	-5.6	19.701	930	537	922	0	0	0	930
12-14	-3.4	19.105	929	513	914	0	0	0	929
15-17	-2.8	18.839	928	505	914	0	0	0	928
18-20	-4.1	19.106	928	535	915	0	0	0	928
21-23	-5.0	19.373	928	559	912	0	0	0	928
ALL HOURS	-4.6	19.458	7430	4285	7323	0	0	0	7430

MONTH: FEB

00-02	-5.0	18.333	846	513	840	0	0	0	846
03-05	-6.6	18.505	845	545	840	0	0	0	845
06-08	-6.8	18.981	844	550	836	0	0	0	844
09-11	-5.8	18.958	844	536	831	0	0	0	844
12-14	1.0	17.605	843	421	812	0	0	0	843
15-17	4.0	17.140	845	352	804	0	0	0	845
18-20	-1.2	17.492	843	430	829	0	0	0	843
21-23	-3.3	18.057	846	487	838	0	0	0	846
ALL HOURS	-2.8	18.531	6756	3834	6630	0	0	0	6756

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	11.0	13.976	929	186	886	0	0	0	929
03-05	8.2	14.407	930	252	906	0	0	0	930
06-08	6.6	14.745	929	297	907	0	0	0	929
09-11	12.9	14.407	929	152	859	0	0	0	929
12-14	22.3	12.593	928	44	705	0	0	0	928
15-17	26.0	11.943	929	26	637	0	0	0	929
18-20	21.6	12.584	930	57	737	0	0	0	930
21-23	15.2	12.830	929	111	856	0	0	0	929
ALL HOURS	15.5	15.004	7433	1125	6493	0	0	0	7433

MONTH: APR

00-02	27.4	11.702	899	36	561	0	0	0	899
03-05	24.1	12.318	899	63	675	0	0	0	899
06-08	24.3	13.155	899	67	631	0	0	0	899
09-11	31.5	12.811	900	25	404	0	0	0	900
12-14	37.7	12.202	900	3	274	0	0	0	900
15-17	40.2	11.606	899	0	210	0	0	0	899
18-20	38.8	11.544	899	0	236	0	0	0	899
21-23	32.7	11.358	899	14	393	0	0	0	899
ALL HOURS	32.1	13.530	7194	208	3384	0	0	0	7194

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	44.8	7.453	928	0	42	7	0	0	928
03-05	41.1	7.036	928	0	113	0	0	0	928
06-08	44.1	7.415	930	0	55	3	0	0	930
09-11	51.5	8.201	929	0	6	54	0	0	929
12-14	56.3	8.556	930	0	0	147	1	0	930
15-17	57.6	8.567	928	0	0	178	6	0	928
18-20	56.3	8.554	929	0	0	142	6	0	929
21-23	51.2	8.162	930	0	4	48	0	0	930
ALL HOURS	50.4	9.967	7432	0	220	579	13	0	7432

MONTH: JUN

00-02	55.7	6.236	900	0	0	71	0	0	900
03-05	52.1	5.622	899	0	0	16	0	0	899
06-08	55.3	5.855	899	0	0	68	1	0	899
09-11	61.8	7.086	900	0	0	291	9	0	900
12-14	66.7	8.166	899	0	0	559	56	0	899
15-17	68.4	8.344	898	0	0	610	90	0	898
18-20	67.0	7.999	899	0	0	562	74	0	899
21-23	62.1	7.192	898	0	0	328	14	0	898
ALL HOURS	61.1	9.199	7192	0	0	2505	244	0	7192

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610 STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	58.4	5.442	930	0	0	127	0	0	930
03-05	55.2	4.742	930	0	0	27	0	0	930
06-08	57.3	5.073	930	0	0	88	0	0	930
09-11	63.2	6.591	928	0	0	368	7	0	928
12-14	68.2	7.855	930	0	0	610	74	0	930
15-17	70.2	8.405	929	0	0	681	140	0	929
18-20	68.8	8.213	930	0	0	636	92	0	930
21-23	63.8	7.017	929	0	0	413	15	0	929
ALL HOURS	63.1	8.644	7436	0	0	2950	328	0	7436

MONTH: AUG

00-02	52.4	6.047	930	0	2	13	0	0	930
03-05	49.7	6.062	929	0	17	2	0	0	929
06-08	50.3	5.952	930	0	6	6	0	0	930
09-11	56.0	6.693	930	0	0	102	0	0	930
12-14	61.5	7.481	930	0	0	335	6	0	930
15-17	63.8	7.923	930	0	0	439	17	0	930
18-20	62.0	7.737	930	0	0	358	13	0	930
21-23	56.2	6.756	929	0	0	97	0	0	929
ALL HOURS	56.5	8.601	7438	0	25	1352	36	0	7438

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	41.6	7.000	899	0	81	0	0	0	899
03-05	39.6	7.046	900	0	140	0	0	0	900
06-08	39.3	7.041	900	0	143	0	0	0	900
09-11	44.4	7.436	899	0	51	2	0	0	899
12-14	50.2	8.070	900	0	15	24	0	0	900
15-17	52.2	8.504	900	0	13	40	0	0	900
18-20	49.1	8.214	900	0	20	22	0	0	900
21-23	44.1	7.200	900	0	53	0	0	0	900
ALL HOURS	45.1	8.866	7198	0	516	88	0	0	7198

MONTH: OCT

00-02	23.2	12.644	929	55	692	0	0	0	929
03-05	22.0	13.063	930	82	725	0	0	0	930
06-08	21.2	13.353	927	86	738	0	0	0	927
09-11	23.2	13.234	930	67	676	0	0	0	930
12-14	28.0	12.531	930	25	557	0	0	0	930
15-17	29.2	12.312	929	19	524	0	0	0	929
18-20	25.8	12.636	928	32	611	0	0	0	928
21-23	23.5	12.635	930	46	676	0	0	0	930
ALL HOURS	24.5	13.096	7433	412	5199	0	0	0	7433

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.7	14.475	900	407	895	0	0	0	900
03-05	.2	14.793	900	416	891	0	0	0	900
06-08	.1	15.018	897	414	890	0	0	0	897
09-11	.7	14.985	898	400	893	0	0	0	898
12-14	4.0	14.310	899	312	891	0	0	0	899
15-17	4.2	14.199	900	314	888	0	0	0	900
18-20	2.1	14.514	898	360	886	0	0	0	898
21-23	.9	14.735	899	400	892	0	0	0	899
ALL HOURS	1.6	14.676	7191	3023	7126	0	0	0	7191

MONTH: DEC

00-02	.1	16.822	930	445	915	0	0	0	930
03-05	-.2	16.792	930	446	914	0	0	0	930
06-08	-.1	16.882	930	464	908	0	0	0	930
09-11	.0	16.673	928	453	906	0	0	0	928
12-14	1.0	16.153	929	433	907	0	0	0	929
15-17	1.4	16.186	925	421	907	0	0	0	925
18-20	1.0	16.462	926	436	901	0	0	0	926
21-23	.7	16.718	927	434	904	0	0	0	927
ALL HOURS	.5	16.600	7425	3532	7262	0	0	0	7425

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	25.6	26.731	10950	2199	5828	218	0	0	10950
03-05	23.5	25.968	10949	2352	6134	45	0	0	10949
06-08	24.0	26.935	10943	2409	6033	165	1	0	10943
09-11	28.0	28.967	10945	2170	5548	817	16	0	10945
12-14	33.0	29.305	10947	1751	5075	1675	137	0	10947
15-17	34.7	29.535	10940	1637	4897	1948	253	0	10940
18-20	32.5	29.803	10940	1850	5135	1720	185	0	10940
21-23	28.7	28.394	10944	2551	5528	886	29	0	10944
ALL HOURS	28.8	28.519	87558	16419	44178	7474	621	0	87558

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 32	GE 50	GE 67	GE 73	GE 80	DEG F	TOTAL HOURS
00-02	-1.2	15.051	826	818	0	0	0	0		826
03-05	-1.5	15.189	822	817	0	0	0	0		822
06-08	-1.4	15.135	820	817	0	0	0	0		820
09-11	-1.5	14.794	820	816	0	0	0	0		820
12-14	-.4	14.895	843	840	0	0	0	0		843
15-17	-.1	14.966	851	847	0	0	0	0		851
18-20	-1.1	15.060	841	840	0	0	0	0		841
21-23	-1.6	15.116	832	828	0	0	0	0		832
ALL HOURS	-1.1	15.027	6655	6623	0	0	0	0		6655

MONTH: FEB

00-02	-3.6	16.281	796	794	0	0	0	0		796
03-05	-4.6	16.234	784	782	0	0	0	0		784
06-08	-4.4	16.396	771	769	0	0	0	0		771
09-11	-4.0	16.691	787	784	0	0	0	0		787
12-14	.3	16.490	834	823	0	0	0	0		834
15-17	2.7	16.179	843	836	0	0	0	0		843
18-20	-.4	16.120	825	823	0	0	0	0		825
21-23	-2.6	16.316	811	810	0	0	0	0		811
ALL HOURS	-2.0	16.522	6451	6421	0	0	0	0		6451



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	9.3	12.963	929	920	0	0	0	0	929
03-05	6.8	13.537	930	926	0	0	0	0	930
06-08	5.3	13.862	928	925	0	0	0	0	928
09-11	10.7	13.109	929	916	0	0	0	0	929
12-14	18.4	10.793	928	847	0	0	0	0	928
15-17	21.2	9.985	929	808	0	0	0	0	929
18-20	17.9	10.971	930	860	0	0	0	0	930
21-23	12.9	11.738	929	916	0	0	0	0	929
ALL HOURS	12.8	13.340	7432	7118	0	0	0	0	7432

MONTH: APR

00-02	23.8	10.407	899	746	0	0	0	0	899
03-05	21.4	11.334	899	815	0	0	0	0	899
06-08	21.3	11.993	899	787	0	0	0	0	899
09-11	26.4	10.698	898	599	0	0	0	0	898
12-14	30.3	9.420	899	445	0	0	0	0	899
15-17	31.9	8.757	898	389	0	0	0	0	898
18-20	31.0	8.911	899	428	0	0	0	0	899
21-23	27.4	9.512	899	592	0	0	0	0	899
ALL HOURS	26.7	10.948	7190	4801	0	0	0	0	7190

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	38.7	6.184	928	160	38	0	0	0	928
03-05	36.6	6.118	928	263	23	0	0	0	928
06-08	38.4	6.174	930	174	37	0	0	0	930
09-11	42.4	6.023	929	60	115	0	0	0	929
12-14	44.4	5.854	930	26	182	0	0	0	930
15-17	45.0	5.672	927	18	194	0	0	0	927
18-20	44.5	5.841	929	24	175	0	0	0	929
21-23	42.3	6.169	930	56	115	0	0	0	930
ALL HOURS	41.5	6.728	7431	781	879	0	0	0	7431

MONTH: JUN

00-02	49.8	4.815	900	3	466	0	0	0	900
03-05	47.9	4.883	898	3	337	0	0	0	898
06-08	49.7	4.676	899	3	451	0	0	0	899
09-11	52.5	4.710	900	0	657	0	0	0	900
12-14	53.8	4.607	898	0	766	0	0	0	898
15-17	54.2	4.401	898	0	801	0	0	0	898
18-20	53.8	4.336	899	0	774	0	0	0	899
21-23	52.6	4.512	897	1	703	0	0	0	897
ALL HOURS	51.8	5.084	7189	10	4955	0	0	0	7189

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	53.7	3.702	930	0	791	0	0	0	930
03-05	51.9	3.735	930	0	685	0	0	0	930
06-08	53.1	3.597	929	0	770	0	0	0	929
09-11	55.9	3.644	928	0	877	1	0	0	928
12-14	57.4	3.756	930	0	908	2	0	0	930
15-17	57.7	3.680	929	0	907	1	0	0	929
18-20	57.4	3.683	927	0	901	1	0	0	927
21-23	56.3	3.809	926	0	877	1	0	0	926
ALL HOURS	55.4	4.231	7429	0	6716	6	0	0	7429

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	49.5	5.550	930	13	506	0	0	0	930
03-05	47.6	5.708	929	21	368	0	0	0	929
06-08	47.9	5.617	929	16	382	0	0	0	929
09-11	51.1	5.204	929	1	617	0	0	0	929
12-14	53.4	5.035	929	0	762	2	0	0	929
15-17	54.0	5.037	930	0	774	4	0	0	930
18-20	53.5	5.135	930	0	760	8	0	0	930
21-23	51.6	5.513	929	3	644	2	0	0	929
ALL HOURS	51.1	5.838	7435	54	4813	16	0	0	7435

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	38.8	6.487	899	150	31	0	0	0	899
03-05	37.4	6.663	899	209	15	0	0	0	899
06-08	37.2	6.692	900	211	11	0	0	0	900
09-11	40.5	6.480	899	105	57	0	0	0	899
12-14	43.6	6.350	899	54	137	0	0	0	899
15-17	44.5	6.393	900	44	186	0	0	0	900
18-20	43.1	6.594	900	62	142	0	0	0	900
21-23	40.5	6.519	899	107	57	0	0	0	899
ALL HOURS	40.7	6.997	7195	942	636	0	0	0	7195

MONTH: OCT

00-02	21.6	12.006	929	763	0	0	0	0	929
03-05	20.7	12.466	929	772	0	0	0	0	929
06-08	20.0	12.817	927	791	0	0	0	0	927
09-11	21.6	12.490	930	749	0	0	0	0	930
12-14	25.2	11.153	928	648	0	0	0	0	928
15-17	26.1	10.776	929	633	0	0	0	0	929
18-20	23.6	11.555	928	698	0	0	0	0	928
21-23	21.8	11.902	930	751	0	0	0	0	930
ALL HOURS	22.6	12.094	7430	5805	0	0	0	0	7430

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS
				LE 32 GE 50 GE 67 GE 73 GE 80	
00-02	.6	13.699	892	892 0 0 0 0	892
03-05	.1	13.928	891	891 0 0 0 0	891
06-08	.1	14.000	885	884 0 0 0 0	885
09-11	.8	13.943	886	884 0 0 0 0	886
12-14	3.7	13.345	891	885 0 0 0 0	891
15-17	3.9	13.340	894	887 0 0 0 0	894
18-20	2.0	13.644	889	881 0 0 0 0	889
21-23	.9	13.827	890	889 0 0 0 0	890
ALL HOURS	1.5	13.775	7118	7093 0 0 0 0	7118

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL HOURS
				LE 32 GE 50 GE 67 GE 73 GE 80	
00-02	.5	15.770	911	902 0 0 0 0	911
03-05	.4	15.583	906	897 0 0 0 0	906
06-08	.4	15.679	906	890 0 0 0 0	906
09-11	.4	15.552	909	900 0 0 0 0	909
12-14	1.4	15.104	912	904 0 0 0 0	912
15-17	1.5	15.352	913	904 0 0 0 0	913
18-20	1.1	15.680	915	905 0 0 0 0	915
21-23	.9	15.851	914	901 0 0 0 0	914
ALL HOURS	.8	15.567	7286	7203 0 0 0 0	7286

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	24.0	23.739	10769	6161	1832	0	0	0	10769
03-05	22.6	23.410	10745	6396	1428	0	0	0	10745
06-08	23.0	23.952	10723	6267	1651	0	0	0	10723
09-11	25.4	24.673	10744	5814	2323	1	0	0	10744
12-14	28.1	24.072	10821	5472	2755	4	0	0	10821
15-17	28.9	23.878	10841	5366	2862	5	0	0	10841
18-20	27.7	24.446	10812	5521	2752	9	0	0	10812
21-23	25.8	24.413	10786	5854	2396	3	0	0	10786
ALL HOURS	25.7	24.179	86241	46851	17999	22	0	0	86241

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	-7.9	16.298	826	819	0	826	0	826
03-05	-8.0	16.331	822	815	0	822	0	822
06-08	-7.9	16.245	820	816	0	820	0	820
09-11	-8.1	15.923	820	817	0	820	0	820
12-14	-7.1	15.976	843	837	0	843	0	843
15-17	-7.0	16.371	851	849	0	851	0	851
18-20	-7.9	16.373	841	838	0	841	0	841
21-23	-8.4	16.327	832	827	0	832	0	832
ALL HOURS	-7.8	16.242	6655	6618	0	6655	0	6655

MONTH: FEB

00-02	-10.7	17.865	796	786	0	796	0	834
03-05	-11.6	17.728	784	775	0	784	0	834
06-08	-11.4	17.903	771	760	0	771	0	834
09-11	-11.1	17.868	787	777	0	787	0	834
12-14	-7.7	17.725	834	818	0	834	0	834
15-17	-5.9	17.597	843	830	0	843	0	834
18-20	-8.1	17.679	825	815	0	825	0	834
21-23	-10.0	17.742	811	801	0	811	0	834
ALL HOURS	-9.5	17.871	6451	6362	0	6451	0	6451

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	1.1	13.995	929	918	0	929	0	929
03-05	-.9	14.531	930	921	0	930	0	930
06-08	-2.4	14.833	928	924	0	928	0	928
09-11	1.5	13.774	929	919	0	929	0	929
12-14	6.6	12.041	928	916	0	928	0	928
15-17	8.2	11.679	929	908	0	929	0	929
18-20	6.5	12.390	930	912	0	930	0	930
21-23	3.9	13.132	929	916	0	929	0	929
ALL HOURS	3.0	13.824	7432	7334	0	7432	0	7432

MONTH: APR

00-02	14.7	12.352	899	801	5	899	0	899
03-05	13.7	13.175	899	809	3	899	0	899
06-08	13.5	13.571	899	801	2	899	0	899
09-11	15.3	11.837	898	794	5	898	0	899
12-14	16.2	10.538	899	798	8	899	0	899
15-17	16.5	10.069	898	794	6	898	0	899
18-20	16.5	10.519	899	787	5	899	0	899
21-23	16.3	11.172	899	784	6	899	0	899
ALL HOURS	15.4	11.788	7190	6368	40	7190	0	7190



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	30.2	8.602	928	354	219	928	0	928
03-05	29.8	8.445	928	367	214	928	0	928
06-08	30.4	8.571	930	324	238	930	0	930
09-11	30.8	8.649	929	309	244	929	0	929
12-14	29.7	8.574	930	372	196	929	0	930
15-17	29.4	8.655	927	402	194	926	0	927
18-20	29.7	8.816	929	375	204	929	0	929
21-23	31.0	8.950	930	324	246	928	0	930
ALL HOURS	30.1	8.699	7431	2827	1755	7427	0	7431

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	44.1	6.799	900	15	782	881	0	898
03-05	43.7	6.661	898	21	776	888	0	898
06-08	44.5	6.494	899	16	799	884	0	898
09-11	43.8	7.210	900	17	759	870	0	898
12-14	42.0	7.466	898	29	673	872	0	898
15-17	41.2	7.545	898	38	654	873	0	898
18-20	41.7	7.717	899	34	674	866	0	898
21-23	43.9	7.095	897	20	765	864	0	898
ALL HOURS	43.1	7.272	7189	190	5882	6998	0	7189

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	49.9	4.729	930	0	910	841	0	930
03-05	49.1	4.629	930	0	908	876	0	930
06-08	49.7	4.503	929	0	911	869	0	929
09-11	50.2	4.692	928	0	914	830	0	928
12-14	49.0	5.216	930	0	907	850	0	930
15-17	47.9	5.613	929	0	888	852	0	929
18-20	48.5	5.794	927	0	891	821	0	927
21-23	50.4	5.044	926	0	905	781	0	926
ALL HOURS	49.3	5.168	7429	0	7234	6720	0	7429

MONTH: AUG

00-02	46.8	6.350	930	15	871	886	0	929
03-05	45.7	6.418	929	19	853	900	0	929
06-08	45.7	6.475	929	19	857	900	0	929
09-11	46.8	6.391	929	20	877	889	0	929
12-14	46.2	6.719	929	20	862	881	0	929
15-17	45.4	7.006	930	27	852	891	0	929
18-20	46.2	6.919	930	24	867	880	0	929
21-23	47.6	6.439	929	16	877	864	0	929
ALL HOURS	46.3	6.660	7435	160	6916	7091	0	7435

E - 5 - 3 - 4

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	35.2	7.716	899	126	398	899	0	899
03-05	34.4	7.695	899	141	358	899	0	899
06-08	34.2	7.749	900	149	359	900	0	900
09-11	35.7	7.845	899	123	414	899	0	899
12-14	35.9	8.060	899	132	449	899	0	899
15-17	35.7	7.964	900	139	447	900	0	900
18-20	36.1	8.008	900	114	469	897	0	900
21-23	35.9	7.877	899	112	441	898	0	899
ALL HOURS	35.4	7.921	7195	1036	3335	7191	0	7195

MONTH: OCT

00-02	17.1	13.273	929	701	13	929	0	928
03-05	16.3	13.840	929	713	15	929	0	928
06-08	15.8	14.248	927	719	20	927	0	928
09-11	16.8	13.769	930	709	21	930	0	928
12-14	18.7	12.346	928	682	37	928	0	928
15-17	19.3	11.728	929	687	30	929	0	928
18-20	18.4	12.379	928	680	25	928	0	928
21-23	17.1	13.128	930	714	18	930	0	928
ALL HOURS	17.4	13.182	7430	5605	179	7430	0	7430

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	-4.3	14.734	892	889	0	892	0	892
03-05	-5.1	15.007	891	889	0	891	0	891
06-08	-5.0	14.931	885	885	0	885	0	885
09-11	-4.2	14.742	886	883	0	886	0	886
12-14	-1.4	13.964	891	883	0	891	0	891
15-17	-1.1	14.131	894	886	0	894	0	894
18-20	-2.9	14.582	889	883	0	889	0	889
21-23	-4.0	14.809	890	887	0	890	0	890
ALL HOURS	-3.5	14.695	7118	7085	0	7118	0	7118

MONTH: DEC

00-02	-4.4	17.425	911	893	0	911	0	912
03-05	-4.5	17.274	906	889	0	906	0	912
06-08	-4.5	17.285	906	885	0	906	0	912
09-11	-4.6	17.223	909	890	0	909	0	912
12-14	-3.5	16.698	912	893	0	912	0	912
15-17	-3.4	17.079	913	891	0	913	0	912
18-20	-3.9	17.392	915	899	0	915	0	912
21-23	-4.1	17.555	914	895	0	914	0	912
ALL HOURS	-4.1	17.259	7286	7135	0	7286	0	7286

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	18.2	25.086	10769	6317	3198	10617	0	10769
03-05	17.5	25.148	10745	6359	3127	10652	0	10745
06-08	17.6	25.404	10723	6298	3186	10619	0	10723
09-11	18.4	25.121	10744	6258	3234	10576	0	10744
12-14	19.2	23.633	10821	6380	3132	10666	0	10821
15-17	19.2	23.102	10841	6451	3071	10699	0	10841
18-20	18.9	23.943	10812	6361	3135	10620	0	10812
21-23	18.8	24.975	10786	6296	3258	10540	0	10786
ALL HOURS	18.5	24.569	86241	50720	25341	84989	0	86241

E - 5 - 3 - 7

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.3	96.9	84.5	74.2	55.8	32.2	7.1	69.2	826
03-05	100.0	100.0	99.0	97.3	87.5	76.3	57.5	31.4	7.8	69.8	822
06-08	100.0	100.0	99.4	97.0	87.3	74.8	57.3	30.4	8.0	69.6	820
09-11	100.0	100.0	99.6	97.6	87.3	73.5	56.7	31.2	6.5	69.3	820
12-14	100.0	99.9	99.3	97.2	86.6	69.3	54.9	32.6	5.1	68.8	843
15-17	100.0	100.0	99.3	96.2	84.0	69.1	52.2	33.8	6.8	68.5	851
18-20	100.0	100.0	99.5	97.4	84.8	68.1	52.1	31.5	8.3	68.4	841
21-23	100.0	100.0	99.5	97.7	84.5	69.0	53.4	31.1	7.1	68.6	832
ALL HOURS	100.0	100.0	99.4	97.1	85.8	71.8	55.0	31.8	7.1	69.0	6655

MONTH: FEB

00-02	100.0	100.0	100.0	96.7	84.0	65.5	49.1	27.9	6.5	67.3	796
03-05	100.0	100.0	99.7	96.4	85.6	67.6	51.0	28.1	6.0	67.7	784
06-08	100.0	100.0	100.0	96.0	84.6	68.1	52.8	26.6	5.7	67.7	771
09-11	100.0	100.0	100.0	96.2	84.6	69.3	52.9	25.9	4.7	67.6	787
12-14	100.0	100.0	100.0	95.0	80.2	60.2	36.5	14.7	3.7	63.5	834
15-17	100.0	100.0	99.9	94.4	75.1	50.5	28.6	12.3	3.3	60.7	843
18-20	100.0	100.0	100.0	96.2	80.1	59.2	42.1	22.2	7.4	64.8	825
21-23	100.0	100.0	100.0	95.7	82.9	63.0	46.2	24.2	6.3	66.0	811
ALL HOURS	100.0	100.0	100.0	95.8	82.0	62.7	44.7	22.6	5.4	65.6	6451

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%				
00-02	100.0	100.0	98.9	92.4	71.8	57.2	40.0	17.3	2.9	62.5		929
03-05	100.0	100.0	99.6	92.9	74.5	63.1	47.7	23.8	4.0	64.9		930
06-08	100.0	100.0	99.7	92.1	74.8	63.8	49.9	22.7	3.8	65.0		928
09-11	100.0	100.0	98.3	87.2	66.7	48.5	30.8	9.6	1.6	58.6		929
12-14	100.0	99.5	92.9	68.6	45.3	21.2	9.2	3.1	.4	48.6		928
15-17	100.0	99.0	88.2	59.1	32.4	15.1	6.9	2.2	.3	44.7		929
18-20	100.0	99.6	93.3	71.6	48.0	28.3	14.1	5.5	1.1	50.5		930
21-23	100.0	100.0	98.4	87.7	67.7	49.0	30.9	11.7	2.3	59.3		929
ALL HOURS	100.0	99.8	96.2	81.5	60.1	43.3	28.7	12.0	2.0	56.8		7432

MONTH: APR

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	96.2	88.2	65.2	43.3	24.6	10.6	3.3	57.5	899
03-05	100.0	99.9	96.8	94.0	77.3	57.2	38.3	15.8	5.2	63.1	899
06-08	100.0	99.8	97.2	92.2	76.6	55.7	35.4	15.1	3.6	62.3	899
09-11	100.0	99.1	94.8	75.1	42.5	24.7	13.0	5.0	1.0	50.2	898
12-14	100.0	97.1	80.2	45.2	22.2	12.0	6.3	1.8	.6	41.0	899
15-17	100.0	96.7	69.0	36.3	17.3	8.0	4.1	2.1	.4	37.7	898
18-20	100.0	98.4	73.9	40.9	20.8	10.3	6.3	3.0	1.3	39.9	899
21-23	100.0	99.8	92.8	73.2	42.2	24.1	12.1	5.9	1.1	49.7	899
ALL HOURS	100.0	98.8	87.6	68.1	45.5	29.4	17.5	7.4	2.1	50.2	7190

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.9	96.2	79.3	64.8	46.7	29.2	14.4	7.0	58.2	928
03-05	100.0	100.0	98.9	89.4	77.5	60.8	43.8	24.2	10.6	65.2	928
06-08	100.0	100.0	97.1	84.5	68.8	51.5	31.6	16.9	6.1	60.1	930
09-11	100.0	99.1	84.5	61.1	37.1	22.2	13.1	7.8	1.7	47.2	929
12-14	100.0	95.8	64.5	34.2	18.8	11.6	6.9	3.3	.4	38.1	930
15-17	100.0	90.7	56.6	31.8	16.6	10.4	5.7	2.6	.3	36.0	927
18-20	100.0	93.5	65.0	38.5	19.2	11.7	6.4	3.4	1.2	38.4	929
21-23	100.0	98.6	86.2	63.4	39.1	24.0	13.0	8.1	3.0	47.9	930
ALL HOURS	100.0	97.2	81.1	60.3	42.7	29.8	18.7	10.1	3.8	48.9	7431

MONTH: JUN

00-02	100.0	100.0	98.3	93.4	82.6	66.0	47.3	30.2	12.1	67.6	900
03-05	100.0	100.0	99.9	96.4	91.4	82.7	64.8	45.7	19.7	74.7	898
06-08	100.0	100.0	99.7	95.2	86.4	70.6	49.5	30.9	12.6	69.0	899
09-11	100.0	99.4	93.9	76.8	53.6	36.1	22.3	13.6	5.3	54.7	900
12-14	100.0	97.2	76.3	48.3	30.3	18.5	12.0	8.0	2.4	44.0	898
15-17	100.0	94.9	66.9	41.0	24.1	16.0	10.5	6.2	2.0	40.7	898
18-20	100.0	95.7	72.9	49.7	30.1	19.8	11.8	7.3	2.6	43.5	899
21-23	100.0	99.4	92.5	74.9	56.9	36.7	22.0	12.7	4.7	54.4	897
ALL HOURS	100.0	98.3	87.6	72.0	56.9	43.3	30.0	19.3	7.7	56.1	7189



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.8	98.5	92.8	82.4	66.1	46.2	23.2	75.5	930
03-05	100.0	100.0	100.0	99.9	97.3	92.6	81.8	61.5	33.0	81.2	930
06-08	100.0	100.0	99.9	99.1	95.0	87.9	70.0	50.4	22.6	77.1	929
09-11	100.0	100.0	98.9	91.9	81.0	62.9	39.7	23.3	8.3	65.0	928
12-14	100.0	99.4	92.8	76.5	51.0	33.7	19.9	11.0	3.9	53.4	930
15-17	100.0	98.0	84.2	61.5	42.2	25.4	16.3	11.4	4.1	48.8	929
18-20	100.0	98.9	88.5	68.6	47.8	32.8	21.0	12.7	6.0	52.2	927
21-23	100.0	100.0	98.8	90.4	75.3	58.3	41.4	28.1	10.9	64.7	926
ALL HOURS	100.0	99.5	95.4	85.8	72.8	59.5	44.5	30.6	14.0	64.7	7429

MONTH: AUG

00-02	100.0	100.0	100.0	99.9	98.0	94.5	85.3	65.9	29.7	81.9	930
03-05	100.0	100.0	100.0	99.8	99.6	97.4	92.0	84.0	47.1	86.8	929
06-08	100.0	100.0	100.0	99.9	98.6	95.8	90.2	75.7	38.3	85.0	929
09-11	100.0	100.0	99.8	97.5	90.9	79.8	59.4	40.3	15.2	73.0	929
12-14	100.0	99.9	98.1	88.8	67.2	46.1	29.9	17.5	5.6	59.7	929
15-17	100.0	99.4	95.2	77.4	52.4	34.2	20.8	12.6	3.7	54.0	930
18-20	100.0	99.9	97.0	86.5	65.5	44.4	28.1	17.8	5.9	59.0	930
21-23	100.0	100.0	100.0	99.2	95.0	84.0	61.6	40.3	16.4	74.2	929
ALL HOURS	100.0	99.9	98.7	93.6	83.4	72.0	58.4	44.3	20.2	71.7	7435

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	99.9	99.3	95.9	89.8	77.5	54.1	20.9	78.6	899
03-05	100.0	100.0	100.0	99.8	97.6	91.7	83.3	66.1	29.9	81.8	899
06-08	100.0	100.0	100.0	99.7	98.3	92.7	84.6	66.7	32.0	82.3	900
09-11	100.0	100.0	99.8	98.7	90.5	78.4	60.0	38.6	13.9	72.6	899
12-14	100.0	99.8	99.0	89.3	67.0	46.4	29.4	17.0	3.2	59.8	899
15-17	100.0	99.8	98.0	81.6	54.2	36.8	22.8	12.8	2.9	55.4	900
18-20	100.0	100.0	99.3	93.1	74.6	55.2	33.6	20.0	6.8	62.6	900
21-23	100.0	100.0	100.0	98.8	94.3	82.0	63.3	39.6	13.0	73.8	899
ALL HOURS	100.0	99.9	99.5	95.0	84.0	71.6	56.8	39.3	15.3	70.9	7195

MONTH: OCT

00-02	100.0	100.0	100.0	99.7	96.9	84.7	68.8	46.6	21.3	76.5	929
03-05	100.0	100.0	99.9	99.6	96.2	87.2	71.4	50.4	24.8	77.4	929
06-08	100.0	100.0	100.0	99.6	96.0	88.9	74.5	52.5	24.8	78.4	927
09-11	100.0	100.0	100.0	99.0	94.8	83.5	66.7	45.1	20.9	75.6	930
12-14	100.0	100.0	99.9	95.9	84.5	65.9	45.9	27.8	11.1	67.7	928
15-17	100.0	100.0	99.8	95.0	79.0	61.7	44.6	25.1	8.6	66.0	929
18-20	100.0	100.0	100.0	99.8	94.1	77.9	59.6	36.9	13.0	72.7	928
21-23	100.0	100.0	100.0	99.8	96.5	83.3	65.5	44.2	17.2	75.1	930
ALL HOURS	100.0	100.0	99.9	98.5	92.2	79.2	62.1	41.1	17.7	73.7	7430

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	97.9	91.6	74.0	43.4	12.4	76.0	892
03-05	100.0	100.0	99.8	99.7	97.1	88.1	71.6	39.6	11.6	74.9	891
06-08	100.0	100.0	100.0	99.9	98.3	90.1	71.4	39.9	9.9	75.1	885
09-11	100.0	100.0	100.0	99.8	99.0	91.3	73.7	39.1	11.4	75.6	886
12-14	100.0	100.0	100.0	100.0	98.7	90.1	72.1	35.7	7.9	74.7	891
15-17	100.0	100.0	99.9	99.8	98.4	89.8	73.7	39.5	9.6	75.3	894
18-20	100.0	100.0	100.0	100.0	98.7	91.2	75.1	46.1	11.1	76.2	889
21-23	100.0	100.0	100.0	100.0	98.8	90.7	75.6	44.0	11.2	76.3	890
ALL HOURS	100.0	100.0	100.0	99.9	98.3	90.4	73.4	40.9	10.6	75.5	7118

MONTH: DEC

00-02	100.0	100.0	100.0	99.9	96.7	85.9	73.5	47.6	19.2	76.3	911
03-05	100.0	100.0	100.0	100.0	97.0	86.1	73.0	48.0	19.1	76.4	906
06-08	100.0	100.0	100.0	99.7	96.6	86.1	73.5	48.2	20.2	76.5	906
09-11	100.0	100.0	100.0	99.7	97.2	85.5	72.4	43.8	18.6	76.0	909
12-14	100.0	100.0	100.0	99.8	97.8	87.1	75.2	47.3	18.3	76.6	912
15-17	100.0	100.0	99.9	99.7	96.8	85.9	73.3	48.4	18.8	76.5	913
18-20	100.0	100.0	99.7	99.6	96.3	86.3	73.8	46.7	19.0	76.1	915
21-23	100.0	100.0	99.7	99.7	96.9	86.5	74.2	47.5	17.5	76.2	914
ALL HOURS	100.0	100.0	99.9	99.7	96.9	86.2	73.6	47.2	18.8	76.3	7286

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	99.0	95.3	85.9	73.5	57.7	36.5	14.0	70.6	10769
03-05	100.0	100.0	99.5	97.1	89.9	79.4	64.9	43.5	18.5	73.8	10745
06-08	100.0	100.0	99.4	96.2	88.5	77.3	61.9	40.0	15.9	72.4	10723
09-11	100.0	99.8	97.4	89.9	76.9	62.8	46.5	26.9	9.2	65.4	10744
12-14	100.0	99.0	91.8	78.0	62.1	46.5	32.9	18.2	5.2	57.8	10821
15-17	100.0	98.2	87.9	72.5	55.7	41.6	29.7	17.3	5.1	55.2	10841
18-20	100.0	98.8	90.6	78.2	63.0	48.5	35.1	21.0	7.0	58.5	10812
21-23	100.0	99.8	97.3	89.9	77.4	62.5	46.5	28.1	9.3	65.5	10786
ALL HOURS	100.0	99.4	95.4	87.1	74.9	61.5	46.9	28.9	10.5	64.9	86241

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

- BY EIGHT 3-HOUR STANDARD SYNOPTIC REPORTING TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	1009.0	1015.5	1011.5	1011.1	1010.4	1009.4	1012.7	1012.1	1010.3	1009.3	1009.6	1010.7	1011.0
	SD	13.430	15.313	11.180	10.551	7.599	6.845	5.531	7.160	8.620	11.139	12.528	15.370	11.020
	TOT OBS	310	282	309	300	310	300	310	310	299	310	300	310	3650
0300	MEAN	1009.0	1015.6	1011.8	1011.5	1010.9	1010.0	1013.2	1012.6	1010.6	1009.4	1009.6	1010.7	1011.2
	SD	13.500	15.291	11.147	10.621	7.607	6.890	5.587	7.199	8.628	11.132	12.594	15.426	11.053
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0600	MEAN	1008.8	1015.4	1011.8	1011.8	1011.4	1010.4	1013.6	1012.8	1010.7	1009.3	1009.4	1010.4	1011.3
	SD	13.593	15.312	11.169	10.678	7.672	6.936	5.611	7.224	8.750	11.140	12.728	15.456	11.116
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0900	MEAN	1008.9	1015.6	1012.0	1012.0	1011.4	1010.5	1013.8	1013.0	1010.9	1009.6	1009.5	1010.5	1011.5
	SD	13.645	15.372	11.192	10.675	7.622	6.935	5.602	7.244	8.764	11.146	12.819	15.389	11.130
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1200	MEAN	1009.3	1015.8	1011.8	1011.6	1010.6	1010.0	1013.4	1012.7	1010.7	1009.6	1009.7	1010.8	1011.3
	SD	13.641	15.372	11.087	10.621	7.529	6.928	5.581	7.164	8.753	11.173	12.909	15.283	11.091
	TOT OBS	310	282	310	300	310	299	310	310	300	310	300	309	3650
1500	MEAN	1009.1	1015.3	1011.0	1010.9	1009.9	1009.1	1012.7	1012.0	1010.2	1009.2	1009.4	1010.6	1010.7
	SD	13.648	15.344	10.978	10.559	7.464	6.889	5.585	7.093	8.730	11.135	12.895	15.211	11.043
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
1800	MEAN	1009.0	1015.1	1010.5	1010.3	1009.4	1008.5	1012.0	1011.3	1009.7	1009.1	1009.4	1010.5	1010.4
	SD	13.652	15.247	10.905	10.564	7.382	6.870	5.500	7.088	8.713	11.088	12.918	15.208	11.008
	TOT OBS	310	281	310	300	310	299	310	310	300	310	300	309	3649
2100	MEAN	1009.1	1015.4	1010.9	1010.6	1009.6	1008.7	1012.2	1011.5	1009.9	1009.3	1009.5	1010.5	1010.6
	SD	13.677	15.109	10.886	10.604	7.400	6.775	5.446	7.121	8.735	11.027	12.956	15.221	11.000
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	1009.0	1015.5	1011.4	1011.2	1010.4	1009.6	1013.0	1012.2	1010.4	1009.3	1009.5	1010.6	1011.0
	SD	13.599	15.296	11.079	10.624	7.569	6.920	5.589	7.185	8.721	11.124	12.795	15.321	11.064
	TOT OBS	2480	2255	2479	2400	2480	2398	2480	2480	2399	2480	2400	2476	29207

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.74	29.93	29.83	29.83	29.82	29.80	29.90	29.88	29.81	29.77	29.77	29.80	29.82
	SD	.389	.449	.324	.309	.223	.201	.162	.210	.253	.325	.365	.448	.322
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
0300	MEAN	29.74	29.94	29.84	29.84	29.83	29.81	29.91	29.89	29.82	29.77	29.77	29.80	29.83
	SD	.390	.449	.324	.311	.224	.202	.164	.211	.253	.325	.367	.450	.323
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0600	MEAN	29.74	29.93	29.84	29.85	29.85	29.83	29.92	29.89	29.82	29.77	29.76	29.79	29.83
	SD	.393	.450	.325	.312	.225	.204	.164	.212	.256	.326	.370	.451	.326
	TOT OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
0900	MEAN	29.74	29.94	29.84	29.86	29.85	29.83	29.93	29.90	29.83	29.78	29.76	29.79	29.84
	SD	.395	.451	.325	.312	.224	.204	.164	.213	.257	.326	.373	.449	.326
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1200	MEAN	29.75	29.94	29.84	29.84	29.83	29.81	29.91	29.89	29.83	29.78	29.77	29.80	29.83
	SD	.395	.451	.323	.311	.221	.204	.164	.211	.257	.327	.375	.445	.324
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1500	MEAN	29.74	29.93	29.82	29.82	29.80	29.79	29.89	29.87	29.81	29.77	29.76	29.79	29.82
	SD	.395	.450	.319	.309	.219	.203	.164	.208	.256	.326	.375	.444	.323
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
1800	MEAN	29.74	29.92	29.80	29.81	29.79	29.77	29.87	29.85	29.80	29.76	29.76	29.79	29.81
	SD	.395	.447	.318	.309	.218	.202	.162	.208	.256	.324	.376	.444	.322
	TOT OBS	310	281	310	300	309	300	310	310	300	310	300	309	3649
2100	MEAN	29.74	29.93	29.81	29.82	29.80	29.78	29.88	29.85	29.80	29.77	29.76	29.79	29.81
	SD	.396	.443	.317	.311	.218	.199	.160	.210	.256	.323	.377	.444	.321
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	29.74	29.93	29.83	29.83	29.82	29.80	29.90	29.88	29.82	29.77	29.76	29.79	29.82
	SD	.394	.449	.322	.311	.223	.204	.164	.211	.256	.325	.372	.447	.324
	TOT OBS	2480	2255	2480	2400	2479	2400	2480	2480	2399	2479	2400	2477	29209

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES  
FROM HOURLY OBSERVATIONS

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.25	29.44	29.34	29.34	29.33	29.30	29.40	29.38	29.32	29.28	29.28	29.30	29.33
	SD	.383	.443	.320	.304	.220	.198	.159	.207	.249	.321	.360	.443	.318
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
0300	MEAN	29.25	29.44	29.35	29.35	29.34	29.32	29.42	29.39	29.33	29.28	29.27	29.30	29.34
	SD	.384	.442	.319	.307	.221	.199	.161	.208	.249	.320	.362	.444	.319
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
0600	MEAN	29.24	29.44	29.35	29.36	29.35	29.33	29.43	29.40	29.33	29.28	29.27	29.30	29.34
	SD	.388	.444	.321	.308	.222	.201	.161	.209	.253	.322	.365	.445	.321
	TOT OBS	310	282	310	300	310	300	310	310	300	309	300	310	3651
0900	MEAN	29.25	29.44	29.35	29.36	29.35	29.34	29.43	29.41	29.34	29.29	29.27	29.30	29.34
	SD	.389	.445	.321	.308	.220	.201	.162	.210	.253	.321	.368	.444	.321
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1200	MEAN	29.26	29.45	29.35	29.35	29.33	29.32	29.42	29.40	29.33	29.29	29.28	29.31	29.34
	SD	.389	.445	.318	.307	.218	.201	.161	.208	.253	.322	.370	.440	.320
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	310	3652
1500	MEAN	29.25	29.44	29.32	29.33	29.31	29.30	29.40	29.38	29.32	29.28	29.27	29.30	29.32
	SD	.389	.444	.315	.304	.215	.200	.161	.205	.252	.321	.370	.438	.318
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
1800	MEAN	29.25	29.43	29.31	29.31	29.30	29.28	29.38	29.36	29.30	29.27	29.27	29.30	29.31
	SD	.390	.441	.314	.305	.215	.199	.158	.205	.252	.320	.371	.438	.317
	TOT OBS	310	281	310	300	309	300	310	310	300	310	300	309	3649
2100	MEAN	29.25	29.44	29.32	29.32	29.30	29.28	29.39	29.36	29.31	29.28	29.27	29.30	29.32
	SD	.390	.437	.311	.307	.215	.196	.158	.206	.252	.318	.372	.438	.317
	TOT OBS	310	282	310	300	310	300	310	310	300	310	300	309	3651
ALL HOURS	MEAN	29.25	29.44	29.34	29.34	29.33	29.31	29.41	29.38	29.32	29.28	29.27	29.30	29.33
	SD	.388	.442	.318	.307	.219	.200	.161	.208	.252	.321	.367	.441	.319
	TOT OBS	2480	2255	2480	2400	2479	2400	2480	2480	2399	2479	2400	2477	29209



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.2		928	1.5	.1		928	1.9			928	1.5	.4		930
CATEGORY B	2.2	.3	.1	1008	1.4	.4		1017	1.9			1023	1.7	.4		1099

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.3	.1		930	1.8	.3		927	1.3	.1		929	2.2	.2		929
CATEGORY B	2.3	.1		1081	2.1	.3		1063	1.2	.2		1035	2.1	.4		1033

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.2		4644	1.8	.2		7429
CATEGORY B	1.8	.2		5301	1.9	.3	.0	8359

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.1		845	2.4			844	1.4	.1		845	1.3	.2		846
CATEGORY B	1.9	.1		913	2.5	.1		909	1.3	.1		955	1.8	.3	.1	995

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.4			846	2.2	.1		846	3.0			842	2.8			846
CATEGORY B	1.7	.1		962	2.1	.1		922	2.9	.2		912	2.9			928

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.9	.1		4225	2.0	.1		6760
CATEGORY B	1.9	.2	.0	4746	2.1	.1	.0	7496

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.4	.2		930	3.8	.1		929	4.7			928	1.9			930
CATEGORY B	8.5	.2		958	3.9	.1		956	4.6			986	1.8			987

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.2	.5		929	9.5	1.7		925	11.1	1.9		930	10.9	.2		929
CATEGORY B	4.4	.7	.1	972	9.5	1.9		959	11.0	1.9		958	10.9	.3		973

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.3	.8		4642	6.8	.6		7430
CATEGORY B	6.2	.9	.0	4862	6.8	.6	.0	7749

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610 STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.6			899	5.9	.1		898	4.4			900	3.3	.1		900
CATEGORY B	8.9	.3		937	5.8	.1		935	5.0	.2		953	3.9	.2		949

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.9	.3		900	10.5	1.1		898	11.6	.7		900	9.4	.3		900
CATEGORY B	5.8	.3		939	10.2	1.4		931	11.7	1.1		942	9.4	.3		934

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.1	.4		4498	7.4	.3		7195
CATEGORY B	7.3	.6		4714	7.6	.5		7520

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.6			930	8.9			929	3.6	.3		929	3.4	.2		930
CATEGORY B	8.5			948	8.9	.2		963	3.6	.4		984	3.8	.4		973

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.0	.9		929	12.5	1.7		928	14.0	.9		929	9.1	.3		930
CATEGORY B	8.5	1.5		964	13.0	2.3		957	14.2	1.6	.2	958	9.2	.3		945

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	8.3	.9		4645	8.5	.5		7434
CATEGORY B	8.6	1.2	.0	4836	8.7	.8	.0	7692

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OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUN

.....  
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)  
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.8			900	1.9	.1		899	2.6	.2		899	3.4	.2		900
CATEGORY B	2.9	.1		955	2.0	.2		993	2.6	.3		986	3.5	.3		940

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	7.7	.9		899	8.2	1.2		900	9.7	1.0		900	3.4	.1		900
CATEGORY B	9.2	1.3		937	9.9	1.6		949	10.6	1.9		934	3.8	.4		931

.....  
.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	6.3	.7		4498	5.0	.5		7197
CATEGORY B	7.1	1.1		4746	5.5	.8		7625

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.2			929	1.2			930	1.3			930	2.9	.1		929
CATEGORY B	2.2			984	1.3			1056	1.1			1046	3.0	.1		1006

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.6			930	6.8	.4		929	5.1	.3		928	3.2	.1		930
CATEGORY B	5.9	.4		978	7.4	.9		981	6.0	.7	.1	993	3.5	.1		980

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.3	.2		4646	3.5	.1		7435
CATEGORY B	4.7	.4	.0	5004	3.8	.3	.0	8024

G - 2 - 7

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.3			930	1.6			930	1.6			930	1.8			930
CATEGORY B	2.4			988	1.6			1093	1.3			1153	2.1			1077

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.1			930	4.2	.3		930	2.6	.3		930	1.9	.2		928
CATEGORY B	4.6	.1		1001	4.5	.4		968	3.9	.9	.2	990	2.4	.8	.1	972

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.9	.1		4650	2.5	.1		7438
CATEGORY B	3.2	.3	.0	5189	2.8	.3	.0	8242

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: SEP

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.6			900	2.4			900	1.1	.1		900	2.0			900
CATEGORY B	2.7			965	2.7			997	1.7	.1		1055	2.1			1020

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.9	.1		898	3.2	.2		899	3.6			900	4.0			900
CATEGORY B	2.5	.4		972	3.8	.7		958	3.9	.2		954	4.1			951

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.4	.1		4497	2.6	.1		7197
CATEGORY B	2.7	.3		4959	2.9	.2		7872

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.7			927	3.3			928	3.4			928	2.4			928
CATEGORY B	4.3			1024	3.1			1035	3.2			1122	2.4			1136

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.2	.1		929	2.7			930	4.3	.2		930	5.3	.1		930
CATEGORY B	1.9	.1		1100	2.6			1085	3.9	.2		1054	4.8	.2		1061

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.0	.1		4645	3.5	.1		7430
CATEGORY B	2.8	.1		5497	3.2	.1		8617

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.9	.1		899	2.0			900	1.7	.1		900	1.8			900
CATEGORY B	2.4	.5		973	2.2	.1		972	1.8	.1		1013	1.8			1039

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.0			898	1.3			899	1.0			898	1.4	.2		898
CATEGORY B	2.0			1062	1.3			1046	1.0			1014	2.3	.3		1016

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6	.0		4495	1.6	.1		7192
CATEGORY B	1.6	.0		5174	1.8	.1		8135

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.5	.1		929	1.5			930	1.9			929	1.6			927
CATEGORY B	2.7	.1		1013	1.7			1036	1.8			1040	1.9			1077

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.3		929	2.1	.3		926	1.7	.3		926	2.9	.1		927
CATEGORY B	1.4	.3		1062	2.1	.3		1070	2.0	.6		1046	3.2	.1		1061

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.2		4637	2.0	.1		7423
CATEGORY B	1.8	.2		5295	2.1	.2		8405



OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS  
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 060-240

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 81 - DEC 90  
MONTH: ALL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.0	.1		10946	3.0	.0		10945	2.5	.1		10946	2.3	.1		10950
CATEGORY B	4.1	.1	.0	11666	3.0	.1		11962	2.5	.1		12316	2.5	.1	.0	12298

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.9	.3		10947	5.4	.6		10937	5.7	.5		10942	4.7	.2		10947
CATEGORY B	4.1	.4	.0	12030	5.6	.8		11889	5.9	.8	.0	11790	4.8	.3	.0	11785

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.0	.3		54722	4.0	.2		87560
CATEGORY B	4.1	.4	.0	60323	4.0	.3	.0	95736



PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

## PART H

### DEGREE DAY SUMMARIES

#### DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASED ON A 30-YEAR (1951-1980) POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS USERS WITH A SUMMARY CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATIONS, NOTABLY THOSE OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER 1990 HAS BEEN PROCESSED.

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS IN THESE TABLES. ASTERISKS (\*\*\*\*) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

#### HEATING DEGREE DAYS.

ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES, THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

#### COOLING DEGREE DAYS.

ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT EACH DEGREE THAT THE TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES\* FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73 DEGREES, THAT DAY IS SAID TO HAVE 8 COOLING DEGREE DAYS.

\*65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATIONWIDE STANDARD "BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICALLY) NO HEATING OR COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE IS USED IN THESE TABLES, IT WAS SPECIALLY REQUESTED BY THE STATION, AND IS NOTED.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 73 - DEC 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1973	****	1882	1626	868	411	134	108	292	520	1215	1949	2104	11109
1974	****	****	1752	****	407	189	****	****	390	1335	1904	****	5977
1975	****	1895	1606	1009	341	64	31	266	556	1248	2174	****	9190
1976	2349	2262	1608	844	512	148	107	175	562	1238	1451	2116	13372
1977	1691	1563	1837	1085	493	145	103	****	559	1190	2148	2449	13263
1978	1995	1692	1559	894	442	283	61	171	524	1265	1661	1864	12411
1979	2228	2489	1613	1002	****	213	116	128	533	981	1319	2294	12916
1980	2303	1406	1436	850	415	231	115	333	636	966	1589	****	10280
1981	1439	1659	1141	978	388	178	239	329	598	1070	1558	2109	11686
1982	2536	1899	1581	1083	539	201	77	231	445	1403	1794	1929	13718
1983	2342	1709	1564	815	444	137	60	335	693	1253	1668	2098	13118
1984	2167	2248	1324	1024	542	120	145	345	530	1189	1926	2093	13653
1985	1652	2051	1527	1301	546	218	70	263	645	1407	2060	1747	13487
1986	2057	1671	1800	1212	524	109	110	305	551	1159	1922	1771	13191
1987	1971	1765	1572	879	423	130	55	213	610	972	1744	2088	12422
1988	2151	1750	1435	920	371	98	38	202	598	1445	2009	1868	12885
1989	2643	1701	1780	841	522	147	74	129	473	1185	2138	1852	13485
1990	2390	2400	1414	783	311	124	71	180	589	1242	2066	1953	13523
MEAN	2127	1884	1565	964	448	159	92	243	556	1209	1837	2022	
SD	335.65	305.83	174.21	144.03	74.43	54.44	48.67	74.95	73.16	142.94	253.39	193.51	

OPERATING LOCATION "A"  
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS  
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 702610

STATION NAME: FAIRBANKS AK  
LST TO UTC: + 9

PERIOD OF RECORD: JAN 73 - DEC 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1973	****					16	20	3					39
1974	****	****		****	3	10	****	****				****	13
1975	****				3	37	155	3				****	198
1976						5	22	17					44
1977						1	47	****					48
1978							33	11					44
1979					****		18	7					25
1980							14	6				****	20
1981					1	14		3					18
1982						31	41						72
1983					5	62	48						115
1984						20	15	2					37
1985					1	11	22	5					39
1986						49	76	1					126
1987						45	45						90
1988						41	72	2					115
1989						15	70	11					96
1990					10	33	92	36					171
MEAN					1	21	46	6					
SD					2.67	19.16	37.96	9.16					

A W S CLIMATIC BRIEF  JUL 91	STATION NAME: FAIRBANKS AK	FIELD ELEV: 434 FT
	LATITUDE/LONGITUDE: 64 49 N 147 52 W	STATION MSC: 702610
	HOURLY OBS POR: JAN 81 - DEC 90	CALL SIGN: PAFA
	SUMMARY OF DAY POR: JUL 48-DEC 90	SUPERSEDES: N/A
	HOURS SUMMARIZED: 0600 - 2300 LST	
	LST TO UTC: +09	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	50	47	51	74	89	96	94	90	84	65	48	44	96	42
MEAN MAX TEMP (F)	-2	7	24	41	59	70	72	66	54	32	11	1	37	42
MEAN TEMP (F)	-11	-4	11	31	49	60	62	57	45	25	3	-8	27	42
MEAN MIN TEMP (F)	-19	-15	-3	20	38	49	52	46	36	18	-5	-16	17	42
EXTRM MIN TEMP (F)	-61	-56	-49	-24	-1	30	34	23	10	-27	-46	-62	-62	42
D/W TEMP GE 80 (F)	0	0	0	0	1	4	5	2	#	0	0	0	12	42
D/W TEMP GE 70 (F)	0	0	0	#	4	16	20	11	1	0	0	0	52	42
D/W TEMP LT 33 (F)	31	28	31	27	7	#	0	1	10	29	30	31	225	42
D/W TEMP LT 0 (F)	26	22	16	3	#	0	0	0	0	3	18	24	112	42
HEATING DEGREE DAYS	2127	1884	1565	964	448	159	92	243	556	1209	1837	2022	13106	18
COOLING DEGREE DAYS	0	0	0	0	1	21	46	6	0	0	0	0	74	18
MEAN DEWPOINT TEMP (F)	-14	-9	3	15	30	43	49	46	35	17	-3	-11	17	10
MEAN WET BULB TEMP (F)	-13	-6	9	26	41	51	55	51	40	22	1	-10	22	10
99.95% WCPA (FT)	1800	1800	1500	1500	1200	1200	950	1150	1350	1600	1750	1950	1550	10
MEAN REL HUM 07 LST(%)	69.6	67.7	65.0	62.3	60.1	69.0	77.1	85.0	82.3	78.4	75.1	76.5	72.4	10
MEAN REL HUM 13 LST(%)	68.8	63.5	48.6	41.0	38.1	44.0	53.4	59.7	59.8	67.7	74.7	76.6	57.8	10
MAX 24HR PRECIP (IN)	.56	.86	.87	.47	.77	1.38	1.84	3.42	1.21	.80	.78	.94	3.42	42
MAX PRECIP (IN)	2.00	1.75	2.10	.93	1.67	3.55	4.87	6.20	3.05	2.19	3.32	3.23	18.52	42
MEAN PRECIP (IN)	.55	.44	.35	.26	.60	1.41	1.99	1.87	1.01	.80	.70	.78	10.69	42
MIN PRECIP (IN)	.01	.01	#	#	.07	.19	.40	.40	.12	.08	#	#	5.55	42
D/W PRECIP GE .01 (IN)	8	6	6	5	7	11	13	12	9	11	10	9	107	42
D/W PRECIP GE .50 (IN)	#	#	#	0	#	1	1	1	1	#	#	1	5	42
MAX 24HR SNFL (IN)	9.4	16.0	12.6	5.5	4.5	#	0	#	7.0	9.7	14.6	12.9	16.0	42
MAX SNFL (IN)	30.9	43.1	29.6	11.4	4.7	#	0	#	7.8	25.9	54.0	50.7	133.8	42
MEAN SNFL (IN)	10.3	8.8	6.1	3.3	.5	#	0	#	.9	10.5	13.2	13.4	67.1	42
D/W SNFL GE .1 (IN)	9	8	7	4	1	0	0	0	1	10	12	11	63	42
D/W SNFL GE 1.5 (IN)	2	2	1	1	#	0	0	0	1	2	3	3	15	42
MAX DLY SNO DEPTH (IN)	48	52	43	37	14	0	0	0	8	16	42	46	52	42
PRVLNG WND DIR (DEG)	\$02-04	\$35-01	35-01	35-01	35-01	23-25	23-25	35-01	35-01	35-01	\$35-01	\$35-01	\$35-01	10
MEAN WND SPD (KTS)	3	4	5	6	7	7	6	6	5	5	3	3	5	10
MAX WND SPD (KTS)	30	25	40	24	33	37	55	32	44	23	19	33	55	42
SKY COVER GT /10 (%)	56.9	54.4	47.2	59.0	64.4	68.6	73.0	75.9	76.6	74.8	60.6	65.2	64.8	10
D/W THUNDERSTORMS	#	#	0	#	1	3	3	1	#	#	#	#	9	42
D/W FOG (VSB: LT 7 MI)	13	9	4	2	2	2	5	7	6	7	9	12	78	42

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

& = BASED ON LESS THAN FULL MONTHS

\*\* = INSTANTANEOUS PEAK WINDS

\* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN

WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	19.0	17.6	6.4	6.4	2.7	4.4	7.4	7.3	9.5	21.1	16.4	18.7	11.4	10
	03 - 05	18.9	18.7	6.3	6.3	3.9	7.8	13.2	13.0	12.8	22.8	15.9	19.0	13.2	10
	06 - 08	19.9	22.4	7.6	6.5	7.0	10.7	18.5	22.5	16.2	24.8	18.0	19.0	16.1	10
	09 - 11	23.0	25.9	6.2	8.2	8.2	11.1	15.2	23.3	17.1	28.6	20.5	20.0	17.3	10
	12 - 14	21.6	17.8	5.2	6.8	6.4	7.3	10.5	15.7	14.2	24.6	19.1	20.2	14.1	10
	15 - 17	20.8	11.6	5.2	5.5	2.7	3.4	6.3	7.7	11.6	21.5	19.7	19.5	11.3	10
	18 - 20	19.3	12.6	4.7	5.6	2.5	1.7	4.2	6.0	9.3	20.0	18.8	21.6	10.5	10
	21 - 23	16.9	12.3	5.2	6.1	1.5	1.9	5.2	6.0	9.8	20.6	18.5	19.8	10.3	10
	ALL	19.9	17.4	5.8	6.4	4.4	6.0	10.1	12.7	12.6	23.0	18.4	19.7	13.0	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	13.6	10.8	2.8	2.8	1.2	1.8	4.4	3.4	4.1	11.2	10.7	12.2	6.6	10
	03 - 05	13.7	12.7	2.6	3.0	2.2	4.5	8.7	8.8	7.4	12.3	10.4	12.2	8.2	10
	06 - 08	14.4	14.8	3.6	3.6	2.8	7.3	14.0	16.7	11.1	12.9	11.2	11.7	10.3	10
	09 - 11	17.4	20.4	4.4	4.9	3.2	5.8	8.5	12.8	9.5	16.7	12.4	12.2	10.7	10
	12 - 14	17.8	12.8	2.4	2.8	1.7	2.6	4.2	4.0	5.4	15.5	14.2	13.6	8.1	10
	15 - 17	17.3	8.0	2.4	1.8	.6	.9	2.3	1.5	3.5	12.2	12.4	13.5	6.4	10
	18 - 20	13.8	6.2	2.0	2.7	1.0	.1	1.4	1.9	3.3	10.0	8.6	13.2	5.3	10
	21 - 23	12.6	5.6	2.6	2.7	1.1	.4	2.3	1.8	3.8	11.6	11.0	12.9	5.7	10
	ALL	15.1	11.4	2.8	3.0	1.7	2.9	5.7	6.4	6.0	12.8	11.4	12.7	7.7	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.3	6.5	1.4	1.1	.6	1.0	2.3	2.0	3.1	6.9	5.8	6.5	4.0	10
	03 - 05	10.3	10.0	1.2	1.7	1.3	3.2	6.2	5.9	4.9	7.3	5.8	7.3	5.4	10
	06 - 08	10.6	11.8	2.2	2.6	1.9	4.6	9.2	12.9	8.1	8.4	5.3	7.6	7.1	10
	09 - 11	13.1	15.1	2.5	2.9	1.9	2.4	3.8	8.2	7.0	12.0	7.9	8.0	7.1	10
	12 - 14	13.5	8.4	1.9	1.9	.5	.7	1.6	1.5	3.2	9.6	7.4	9.3	5.0	10
	15 - 17	13.9	4.2	1.2	1.1	.2	.0	1.4	.3	1.9	7.2	7.4	9.7	4.0	10
	18 - 20	11.1	4.0	.8	1.3	.4	.0	.7	.4	1.5	5.8	4.8	8.2	3.2	10
	21 - 23	10.3	3.8	.6	1.0	.5	.3	1.0	.9	2.0	6.5	5.8	8.2	3.4	10
	ALL	11.6	8.0	1.5	1.7	.9	1.5	3.3	4.0	4.0	8.0	6.3	8.1	4.9	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	4.5	.7	.2	.3	.0	.0	.0	.0	.0	.2	.6	.5	.6	10
	03 - 05	4.1	1.5	.2	.3	.2	.9	.5	1.2	.9	.9	.3	.8	1.0	10
	06 - 08	4.2	1.8	.1	.3	.1	.2	.8	2.7	1.1	1.0	.8	1.5	1.2	10
	09 - 11	6.5	3.6	.4	.0	.0	.0	.0	.3	.3	1.5	.9	1.6	1.3	10
	12 - 14	6.8	.6	.0	.2	.0	.0	.0	.0	.0	.5	.6	2.0	.9	10
	15 - 17	5.8	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.5	.6	10
	18 - 20	4.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.4	1.6	.5	10
	21 - 23	3.1	.0	.1	.0	.0	.0	.0	.0	.1	.6	.4	1.6	.5	10
	ALL	4.9	1.1	.1	.2	.0	.1	.2	.5	.3	.6	.5	1.4	.8	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @



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